

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111919\
 Data File : VX013464.D
 Acq On : 19 Nov 2019 15:11
 Operator : JC/SP
 Sample : K5929-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MS

Quant Time: Nov 19 16:15:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	677696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1019180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	919189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	463558	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	412274	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	5.48	113	348896	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
50) Toluene-d8	8.71	98	1305770	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	11.13	95	480177	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	350866	44.934	ug/l	98
3) Chloromethane	1.31	50	386207	45.609	ug/l	99
4) Vinyl Chloride	1.40	62	464440	48.177	ug/l	99
5) Bromomethane	1.62	94	297380	44.266	ug/l	99
6) Chloroethane	1.70	64	253746	45.950	ug/l	99
7) Trichlorofluoromethane	1.92	101	516931	45.387	ug/l	98
8) Diethyl Ether	2.17	74	237167	47.090	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	328412	51.735	ug/l	98
10) Methyl Iodide	2.50	142	378037	48.100	ug/l	97
11) Tert butyl alcohol	3.03	59	442771	209.237	ug/l	99
12) 1,1-Dichloroethene	2.36	96	309790	49.834	ug/l	98
13) Acrolein	2.28	56	278804	243.098	ug/l	96
14) Allyl chloride	2.72	41	574930	50.901	ug/l	97
15) Acrylonitrile	3.12	53	1011417	255.871	ug/l	99
16) Acetone	2.43	43	850587	212.402	ug/l	98
17) Carbon Disulfide	2.56	76	764172	45.928	ug/l	99
18) Methyl Acetate	2.76	43	581316	52.580	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1098527	52.983	ug/l	97
20) Methylene Chloride	2.84	84	360303	48.696	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	335429	49.557	ug/l	97
22) Diisopropyl ether	3.84	45	1172386	53.764	ug/l	98
23) Vinyl Acetate	3.80	43	4844957	259.651	ug/l	99
24) 1,1-Dichloroethane	3.68	63	626338	51.345	ug/l	99
25) 2-Butanone	4.65	43	1410174	240.037	ug/l	99
26) 2,2-Dichloropropane	4.56	77	529785	54.593	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	399036	52.628	ug/l	99
28) Bromochloromethane	4.99	49	190854	55.103	ug/l	99
29) Tetrahydrofuran	5.11	42	904001	249.703	ug/l	99
30) Chloroform	5.19	83	619567	51.436	ug/l	97
31) Cyclohexane	5.56	56	581620	52.987	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	526759	50.815	ug/l	100
36) 1,1-Dichloropropene	5.79	75	460937	52.719	ug/l	99
37) Ethyl Acetate	4.81	43	587471	54.376	ug/l	100
38) Carbon Tetrachloride	5.77	117	449580	52.583	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	605652	55.593	ug/l	99
40) Benzene	6.13	78	1443488	53.001	ug/l	99
41) Methacrylonitrile	5.02	41	312113	51.542	ug/l	98
42) 1,2-Dichloroethane	6.18	62	501653	51.065	ug/l	98
43) Isopropyl Acetate	6.43	43	885892	52.658	ug/l	99
44) Trichloroethene	7.20	130	380020	50.690	ug/l	95
45) 1,2-Dichloropropane	7.50	63	372204	53.637	ug/l	98
46) Dibromomethane	7.65	93	243787	51.453	ug/l	99
47) Bromodichloromethane	7.89	83	487377	54.550	ug/l	97
48) Methyl methacrylate	7.76	41	447889	53.334	ug/l	97
49) 1,4-Dioxane	7.73	88	165226	859.118	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2833113	256.678	ug/l	99
52) Toluene	8.78	92	891322	52.803	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	546985	55.987	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	601354	55.026	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	371186	53.052	ug/l	98
56) Ethyl methacrylate	9.17	69	603481	50.507	ug/l	98
57) 1,3-Dichloropropane	9.36	76	628454	52.913	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	95599	19.983	ug/l	99
59) 2-Hexanone	9.48	43	2151368	252.223	ug/l	98
60) Dibromochloromethane	9.57	129	396892	55.466	ug/l	100
61) 1,2-Dibromoethane	9.67	107	386064	51.963	ug/l	99
64) Tetrachloroethene	9.33	164	333212	50.639	ug/l	99
65) Chlorobenzene	10.14	112	976894	52.495	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	371240	54.331	ug/l	99
67) Ethyl Benzene	10.25	91	1718701	53.512	ug/l	98
68) m/p-Xylenes	10.36	106	1319444	108.626	ug/l	99
69) o-Xylene	10.69	106	635976	53.479	ug/l	100
70) Styrene	10.71	104	1100177	55.344	ug/l	98
71) Bromoform	10.85	173	310217	49.032	ug/l	98
73) Isopropylbenzene	11.01	105	1733582	56.405	ug/l	100
74) N-amyl acetate	10.89	43	794746	55.762	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	603074	53.786	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	683307	72.573	ug/l	79
77) Bromobenzene	11.25	156	445012	54.313	ug/l	98
78) n-propylbenzene	11.35	91	1966313	57.433	ug/l	99
79) 2-Chlorotoluene	11.42	91	1135621	55.054	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1450871	56.674	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	207037	56.599	ug/l	95
82) 4-Chlorotoluene	11.51	91	1309165	54.218	ug/l	99
83) tert-Butylbenzene	11.76	119	1470274	57.053	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1506595	58.666	ug/l	98
85) sec-Butylbenzene	11.94	105	1690821	57.088	ug/l	99
86) p-Isopropyltoluene	12.06	119	1577535	57.843	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	786650	53.862	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	780164	52.430	ug/l	99
89) n-Butylbenzene	12.39	91	1348691	56.674	ug/l	99
90) Hexachloroethane	12.59	117	285746	58.805	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	790212	54.128	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	130504	47.774	ug/l	98

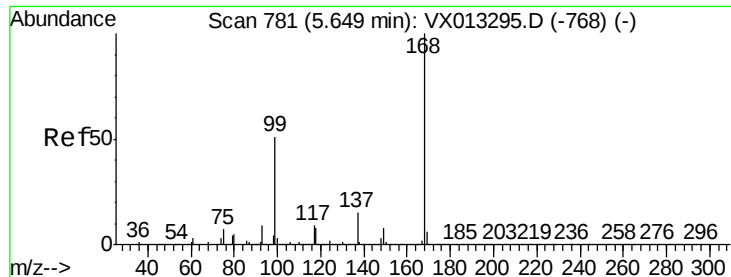
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	537389	52.771	ug/l	99
94) Hexachlorobutadiene	13.78	225	267396	53.671	ug/l	98
95) Naphthalene	13.83	128	1643324	51.433	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	535753	52.459	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

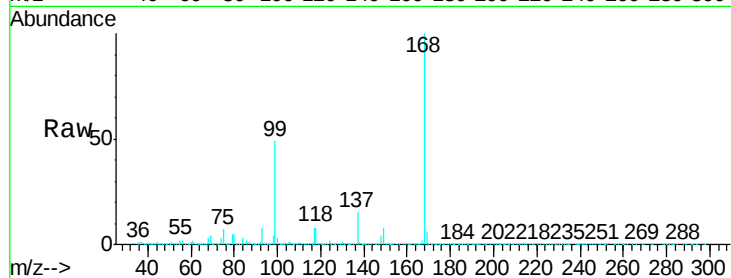
FA19-RFW1147MS

Tgt Ion:168 Resp: 677696

Ion Ratio Lower Upper

168 100

99 49.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

150000

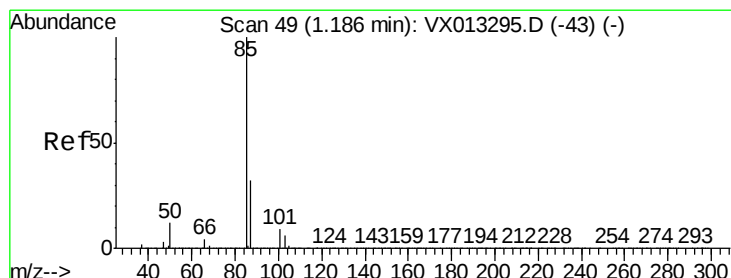
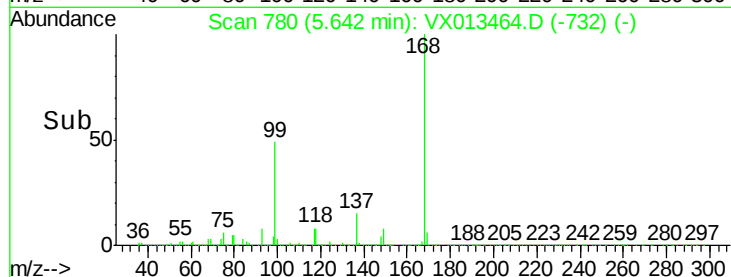
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.934 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013464.D

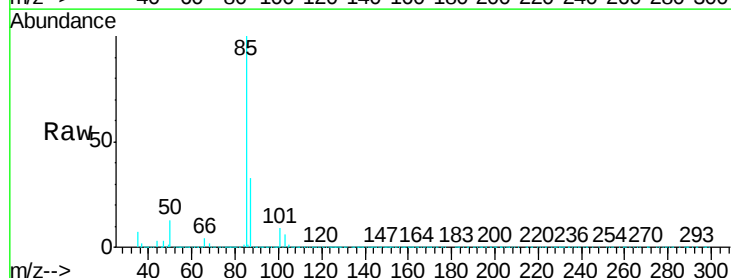
Acq: 19 Nov 2019 15:11

Tgt Ion: 85 Resp: 350866

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

300000

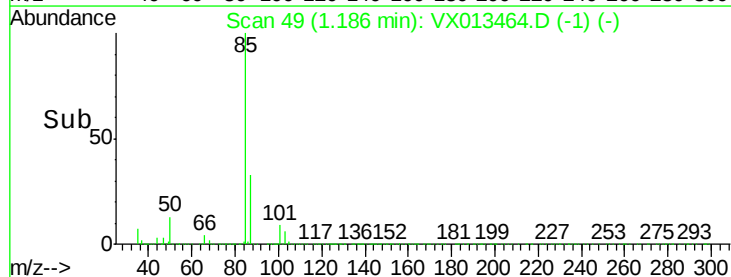
200000

100000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.609 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

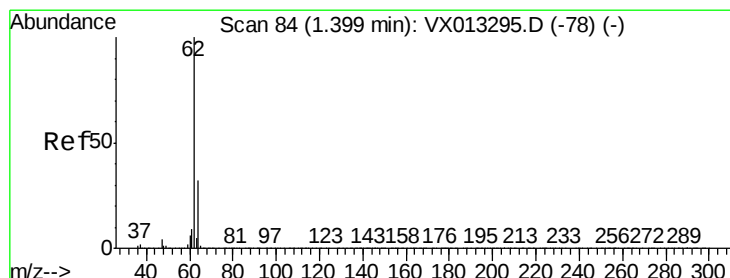
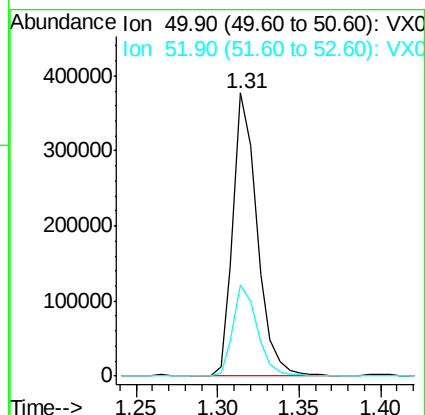
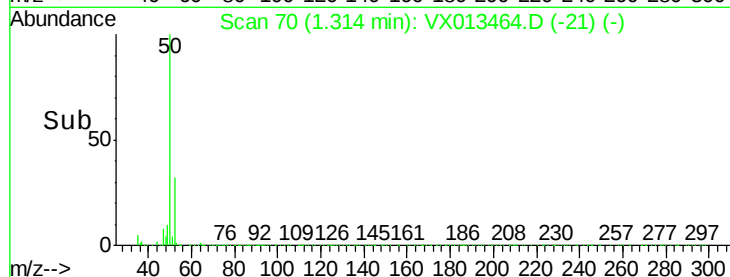
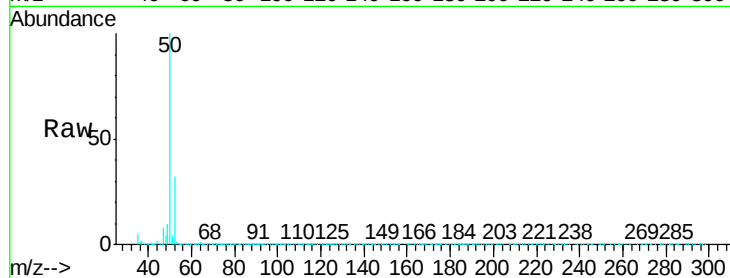
FA19-RFW1147MS

Tgt Ion: 50 Resp: 386207

Ion Ratio Lower Upper

50 100

52 32.3 25.5 38.3



#4

Vinyl Chloride

Concen: 48.177 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013464.D

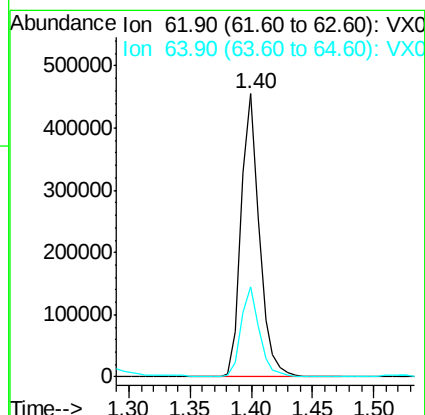
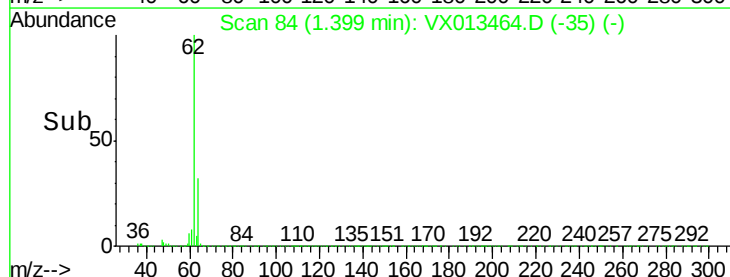
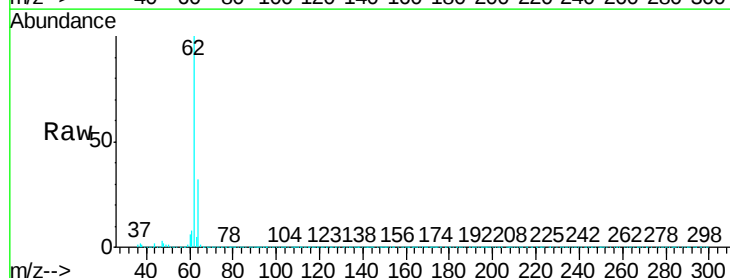
Acq: 19 Nov 2019 15:11

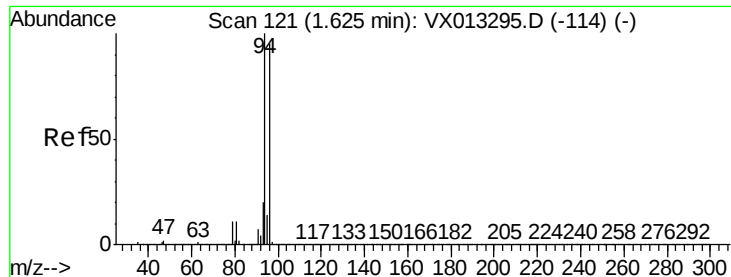
Tgt Ion: 62 Resp: 464440

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#5

Bromomethane

Concen: 44.266 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

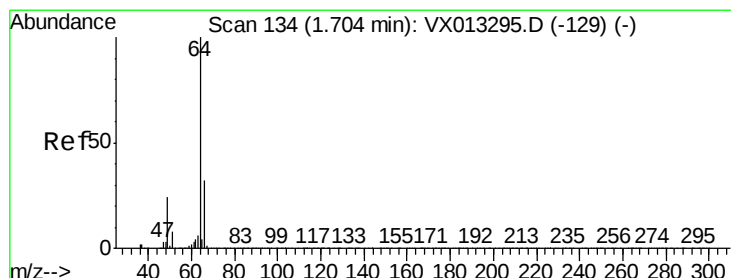
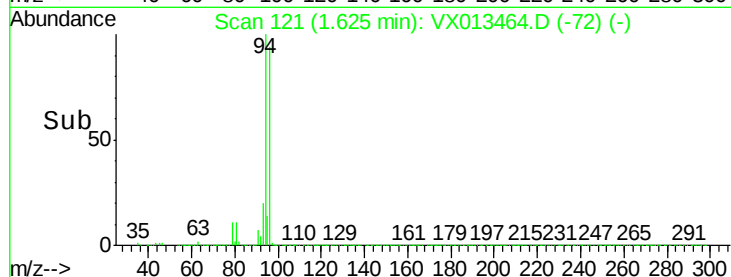
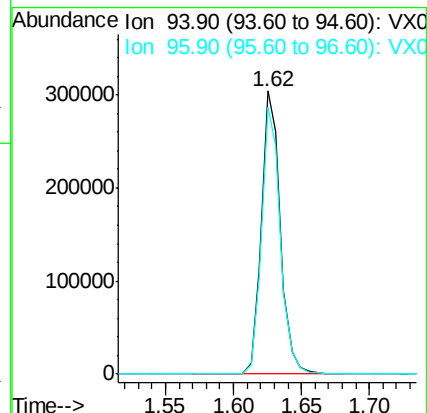
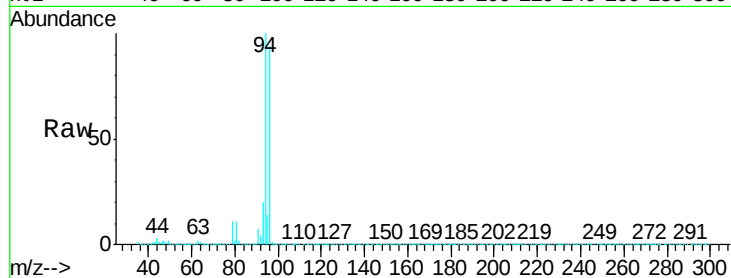
FA19-RFW1147MS

Tgt Ion: 94 Resp: 297380

Ion Ratio Lower Upper

94 100

96 94.2 75.8 113.8



#6

Chloroethane

Concen: 45.950 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX013464.D

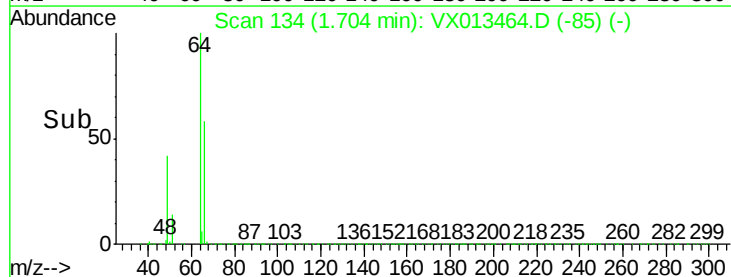
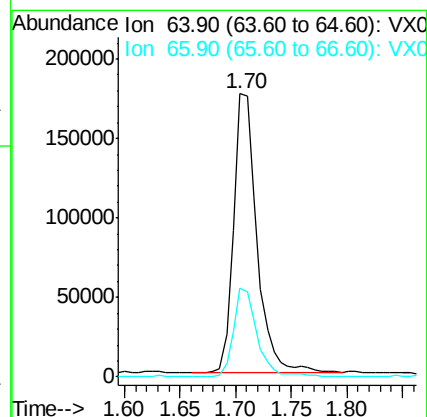
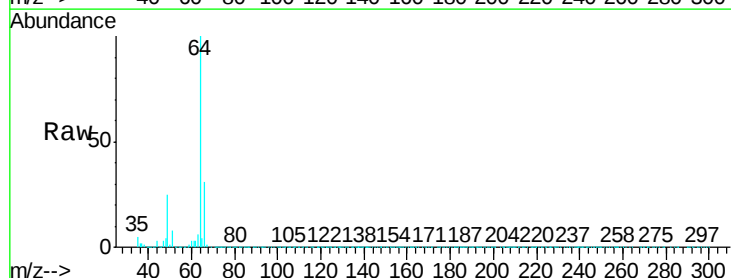
Acq: 19 Nov 2019 15:11

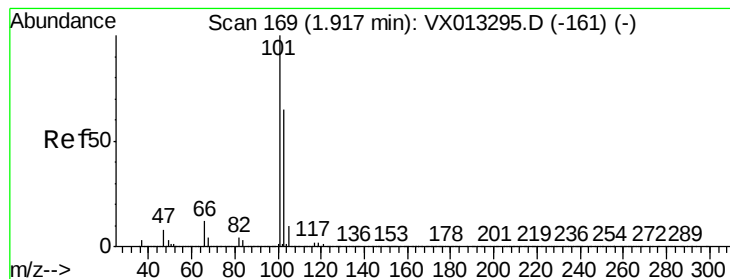
Tgt Ion: 64 Resp: 253746

Ion Ratio Lower Upper

64 100

66 31.6 25.6 38.4



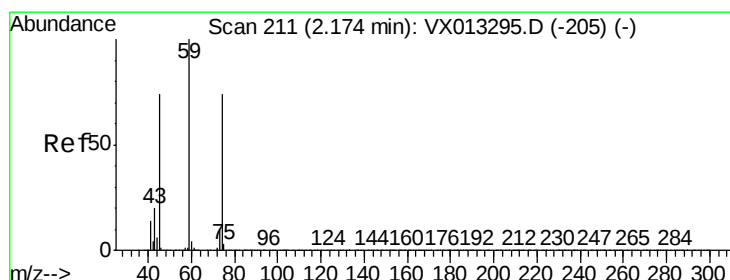
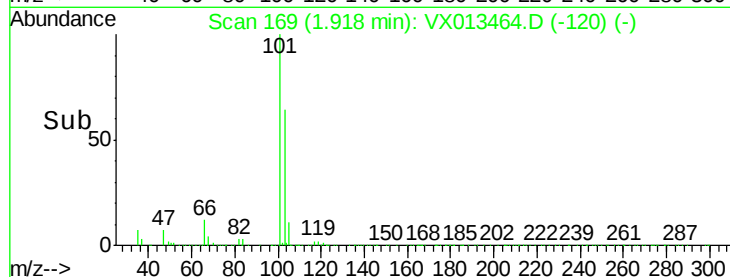
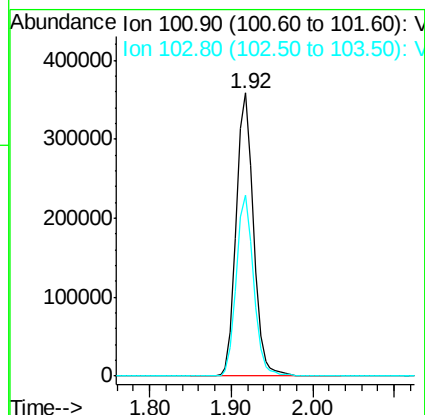
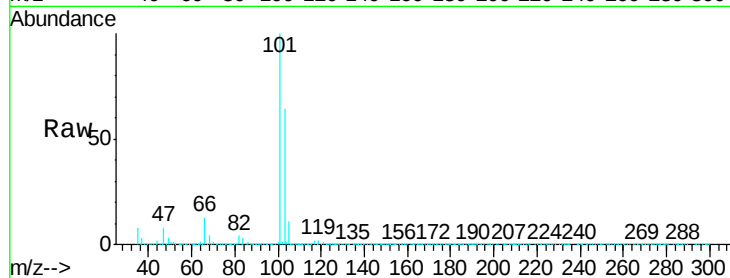


#7

Trichlorofluoromethane
Concen: 45.387 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013464.D
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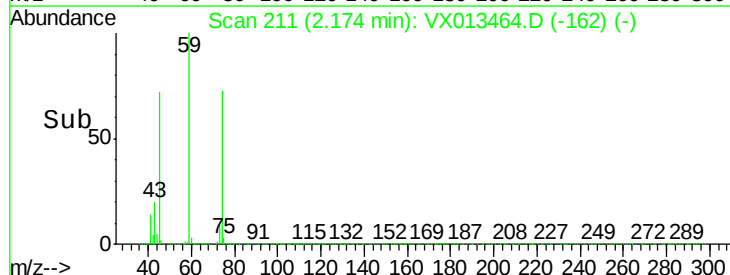
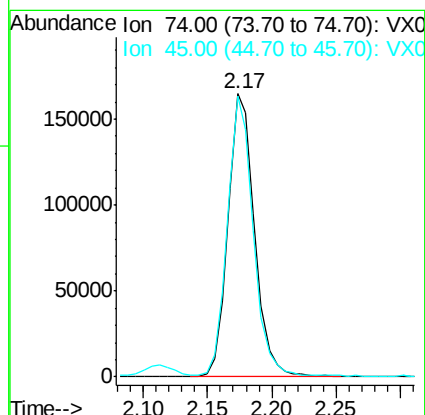
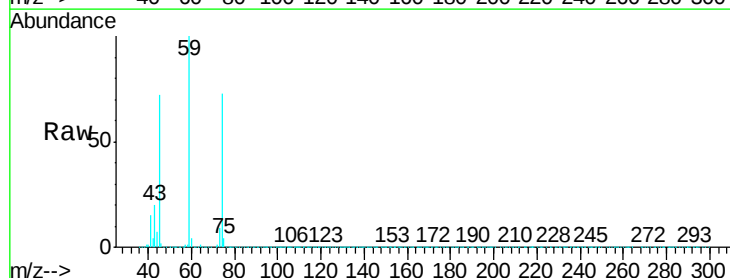
Tgt Ion:101 Resp: 516931
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

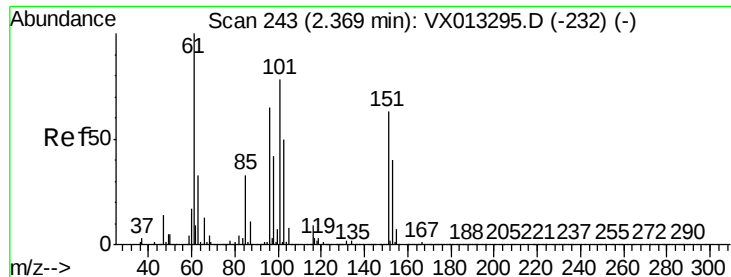


#8

Diethyl Ether
Concen: 47.090 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 74 Resp: 237167
Ion Ratio Lower Upper
74 100
45 96.5 48.5 145.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.735 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

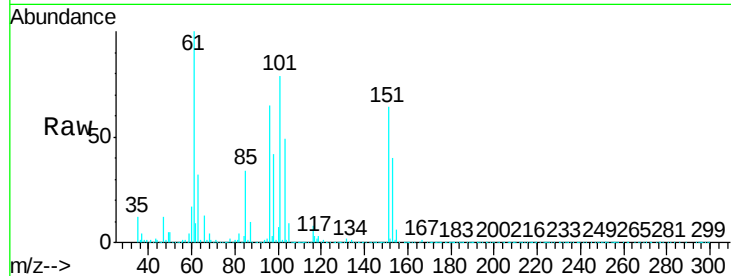
Tgt Ion:101 Resp: 328412

Ion Ratio Lower Upper

101 100

85 42.1 34.4 51.6

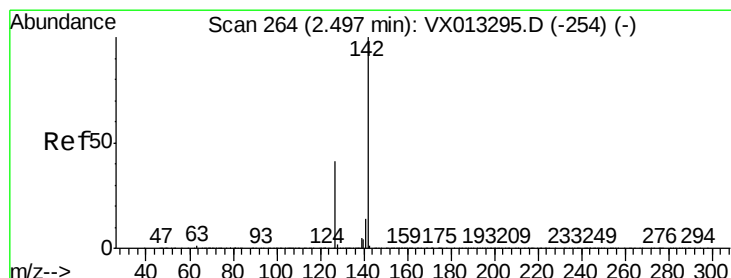
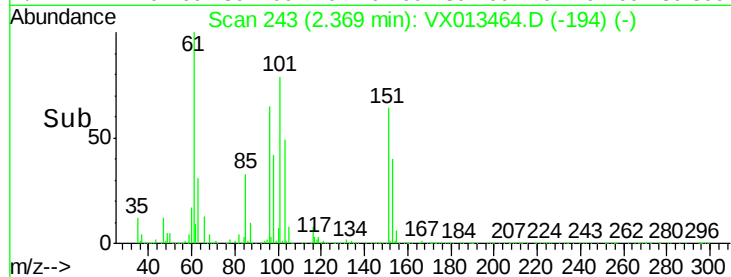
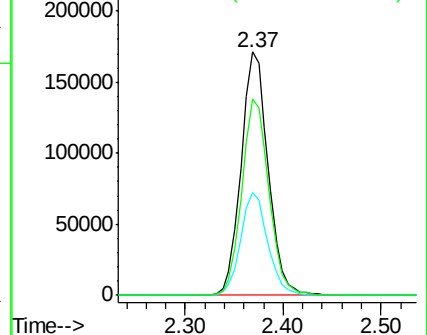
151 80.6 66.4 99.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.100 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

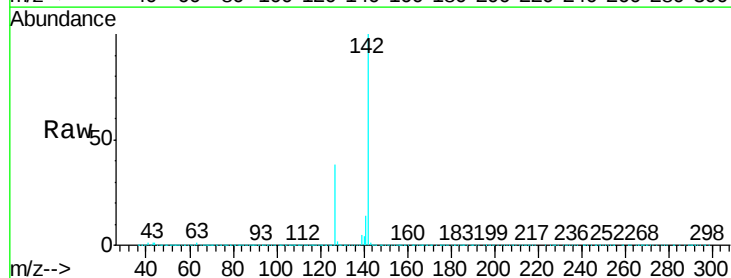
Tgt Ion:142 Resp: 378037

Ion Ratio Lower Upper

142 100

127 38.9 32.6 49.0

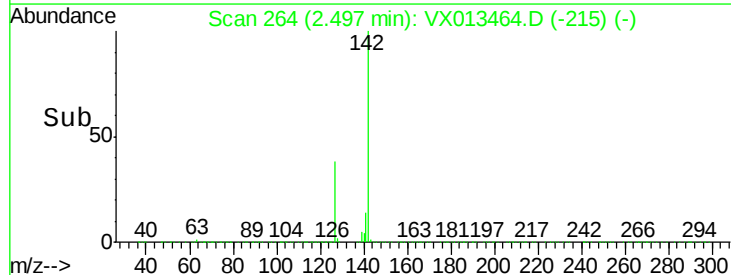
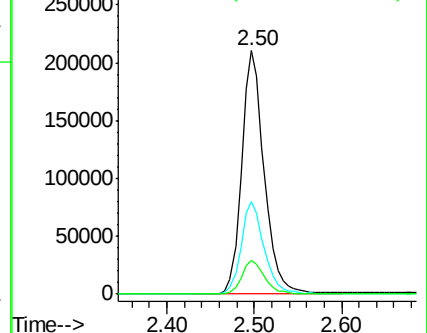
141 13.8 11.6 17.4

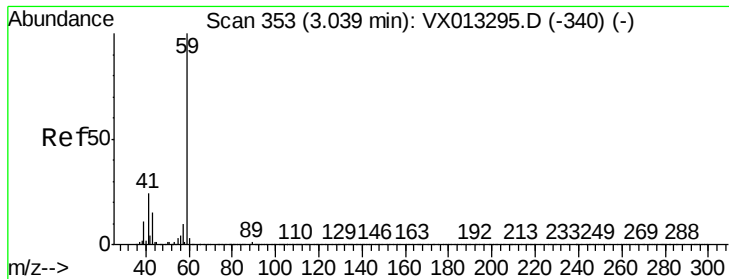


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



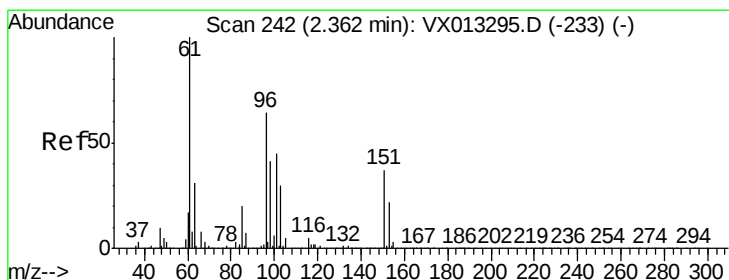
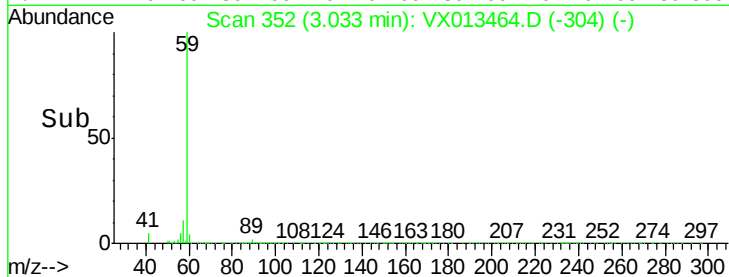
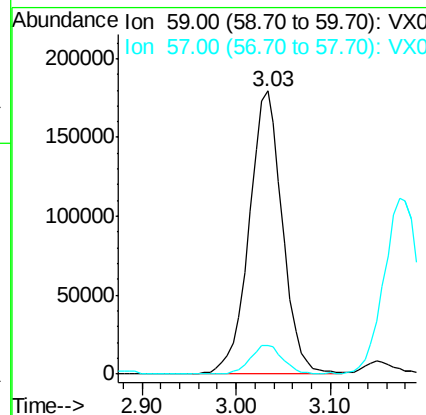
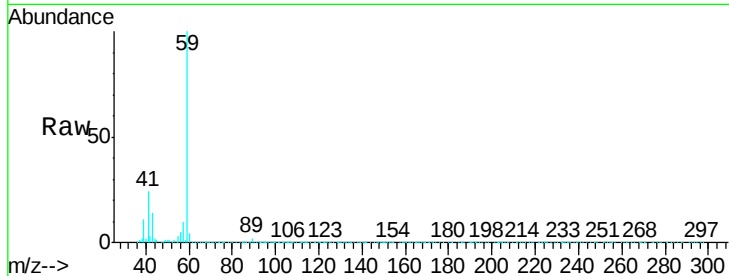


#11

Tert butyl alcohol
Concen: 209.237 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

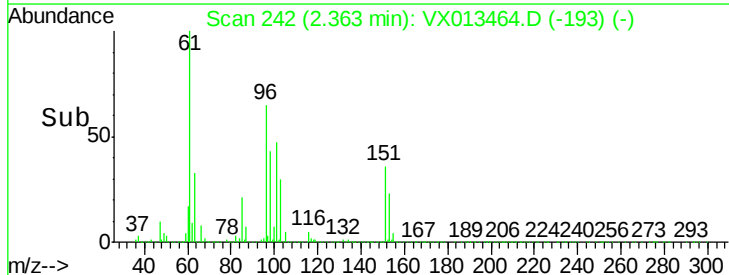
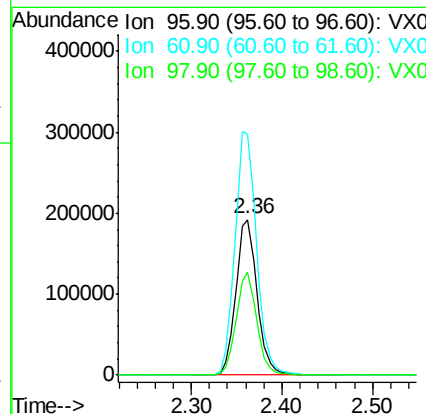
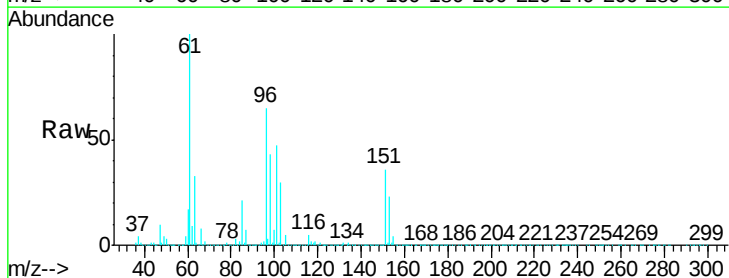
Tgt Ion: 59 Resp: 442771
Ion Ratio Lower Upper
59 100
57 9.8 8.0 12.0

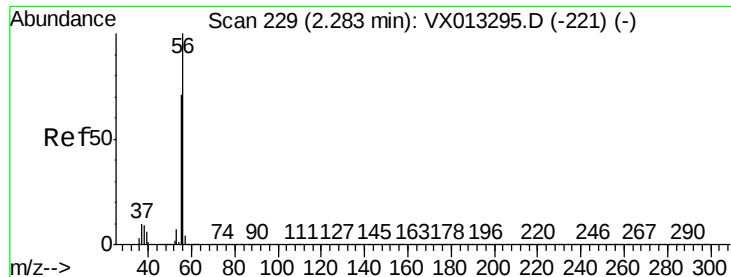


#12

1,1-Dichloroethene
Concen: 49.834 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 96 Resp: 309790
Ion Ratio Lower Upper
96 100
61 154.6 125.0 187.6
98 66.1 50.7 76.1





#13

Acrolein

Concen: 243.098 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

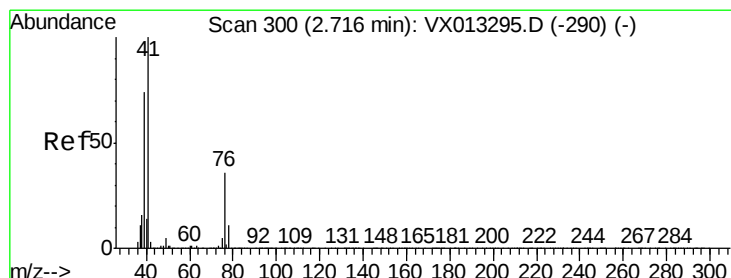
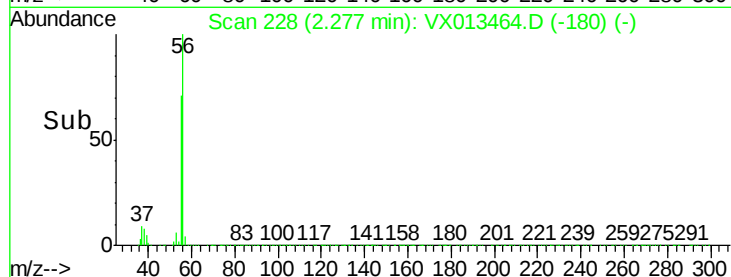
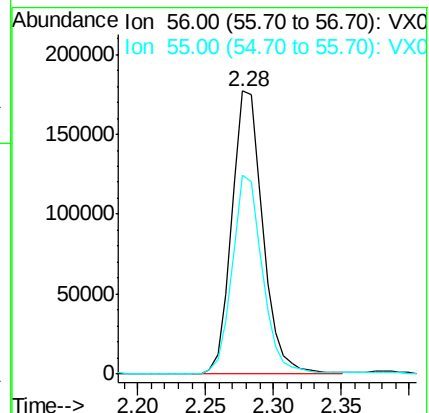
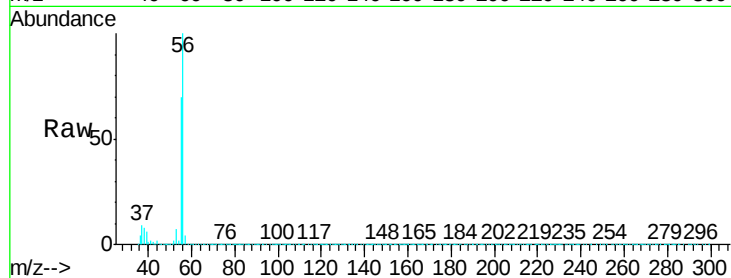
FA19-RFW1147MS

Tgt Ion: 56 Resp: 278804

Ion Ratio Lower Upper

56 100

55 68.7 57.4 86.0



#14

Allyl chloride

Concen: 50.901 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

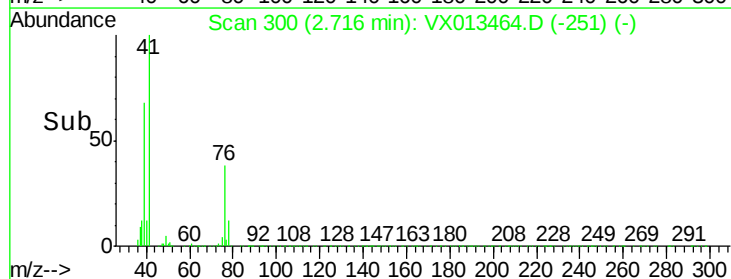
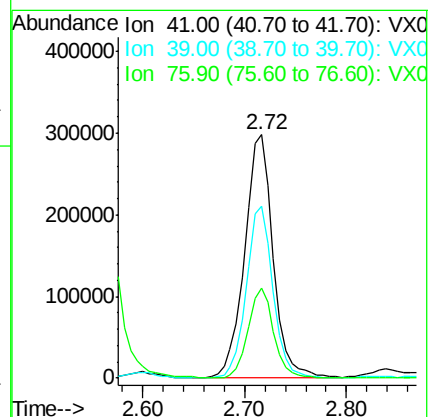
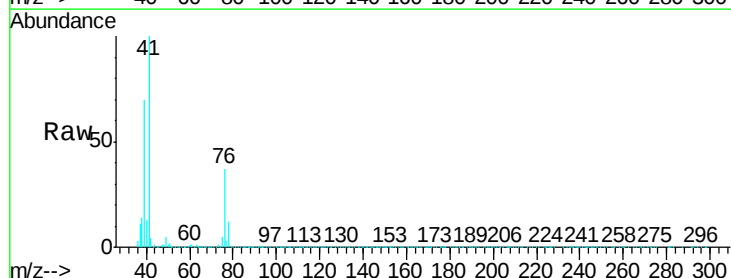
Tgt Ion: 41 Resp: 574930

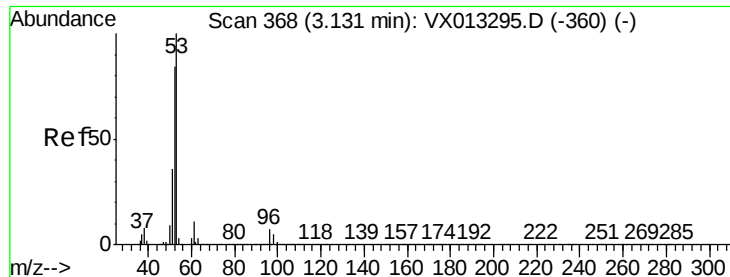
Ion Ratio Lower Upper

41 100

39 66.0 55.8 83.8

76 33.0 26.4 39.6





#15

Acrylonitrile

Concen: 255.871 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

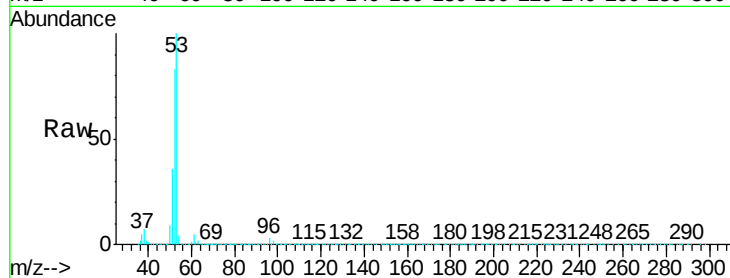
MSVOA_X

ClientSampleId :

FA19-RFW1147MS

Tgt Ion: 53 Resp: 1011417

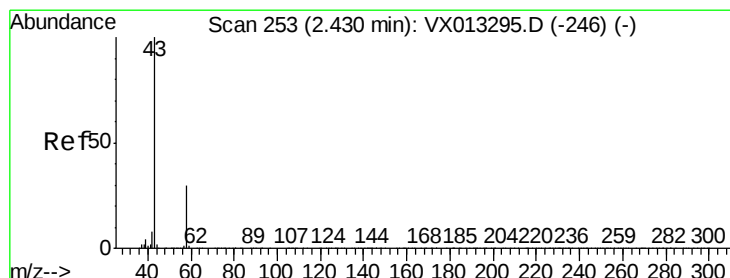
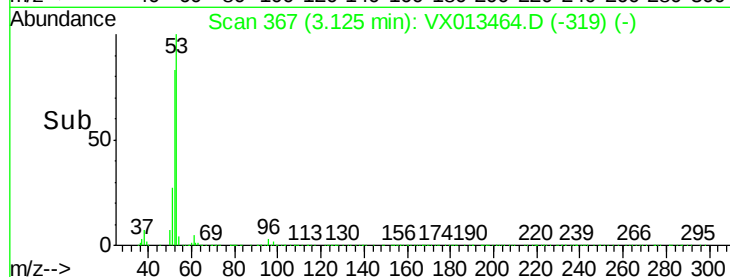
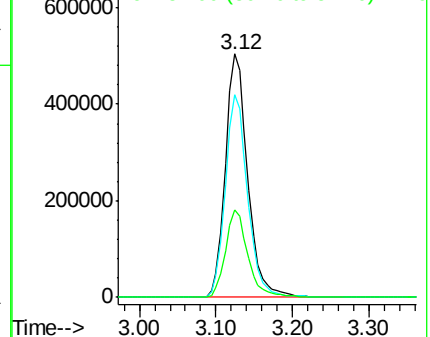
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.0
51	36.1	29.4	44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 212.402 ug/l

RT: 2.43 min Scan# 253

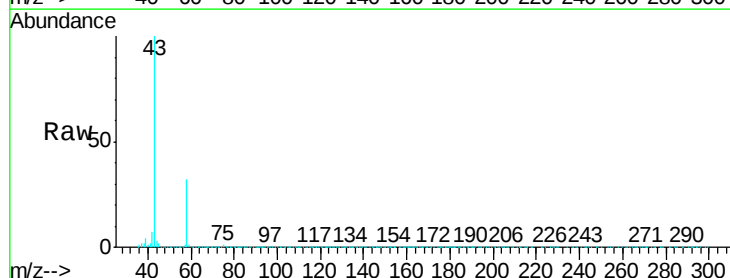
Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

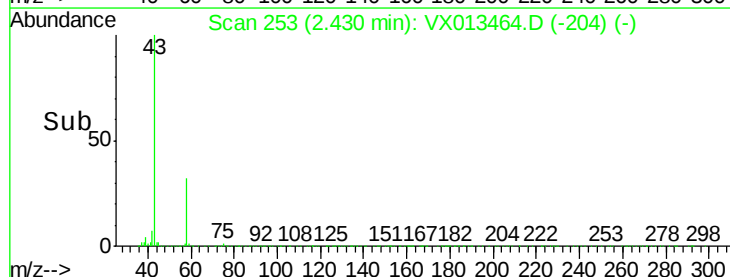
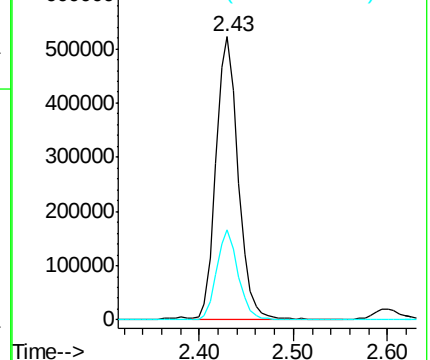
Tgt Ion: 43 Resp: 850587

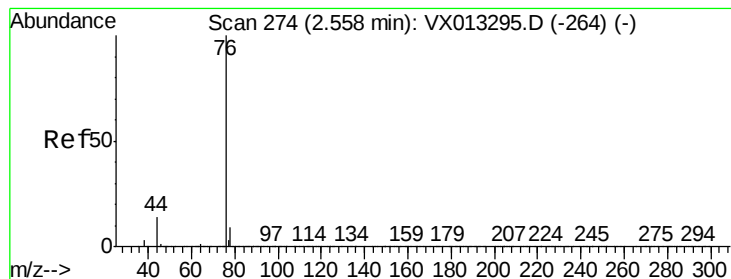
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.928 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

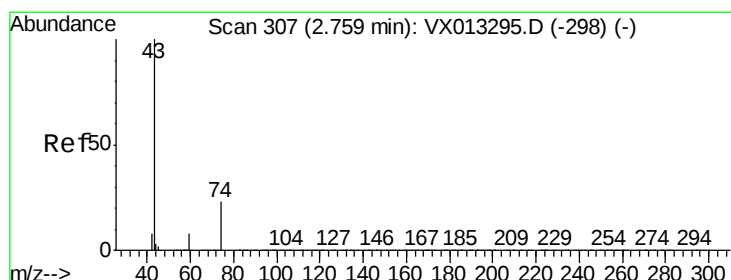
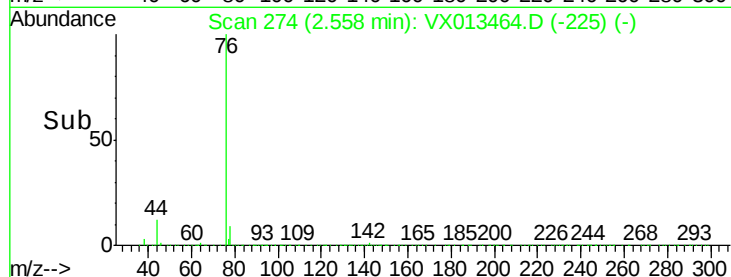
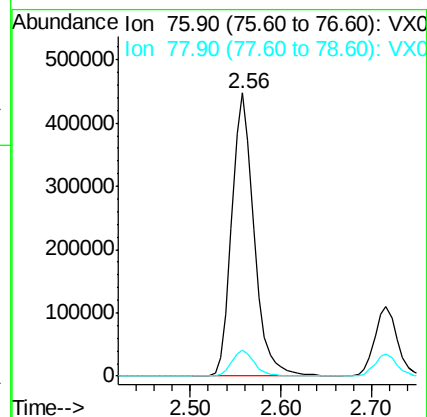
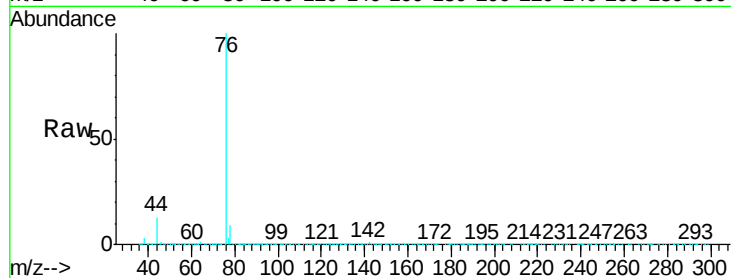
FA19-RFW1147MS

Tgt Ion: 76 Resp: 764172

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



#18

Methyl Acetate

Concen: 52.580 ug/l

RT: 2.76 min Scan# 307

Delta R.T. 0.00 min

Lab File: VX013464.D

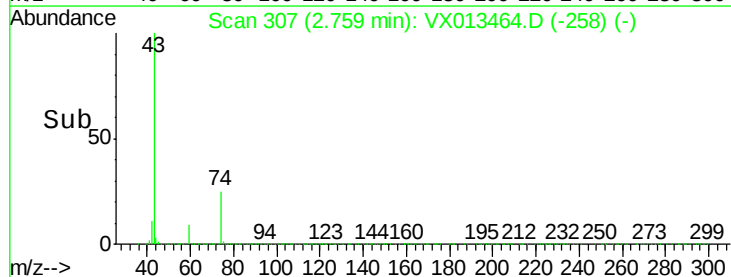
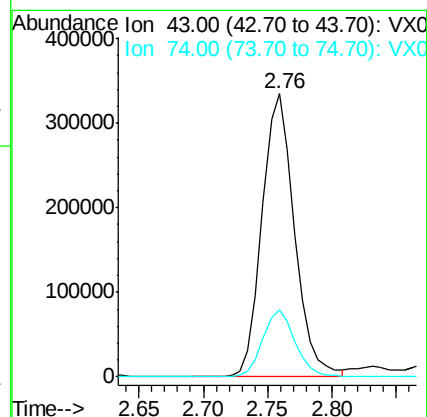
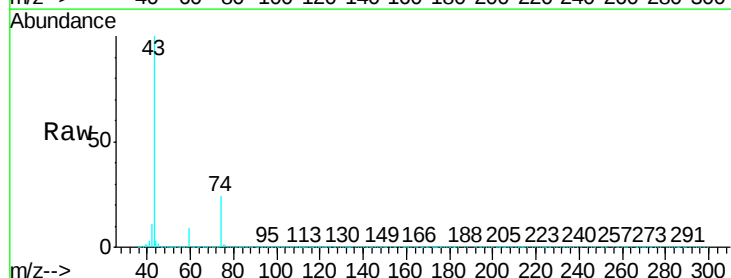
Acq: 19 Nov 2019 15:11

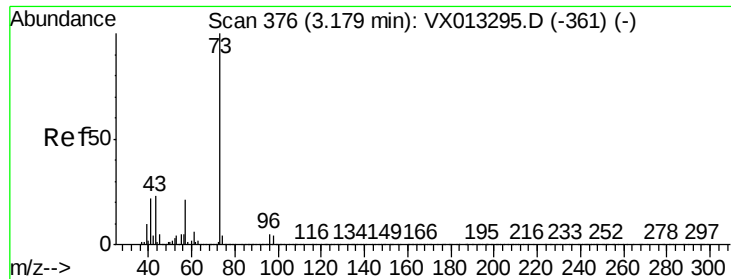
Tgt Ion: 43 Resp: 581316

Ion Ratio Lower Upper

43 100

74 23.9 19.0 28.6

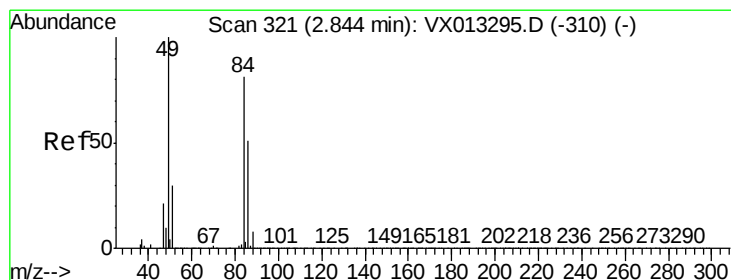
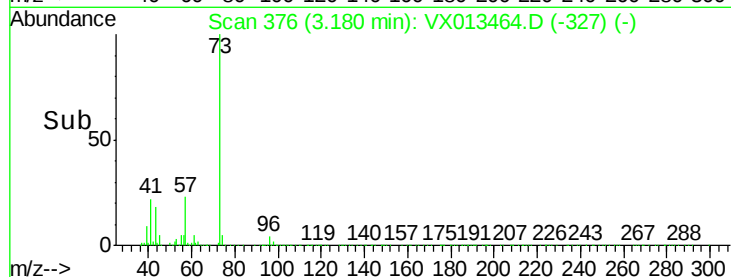
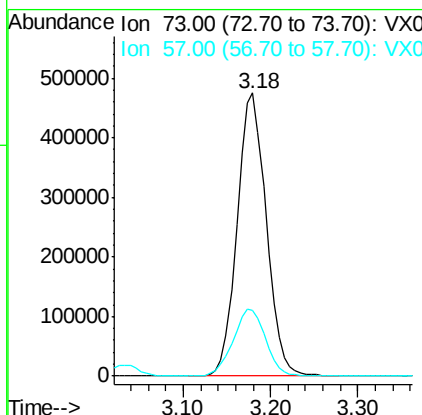
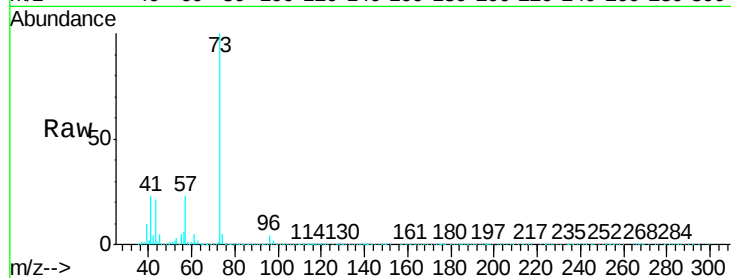




#19
Methyl tert-butyl Ether
Concen: 52.983 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

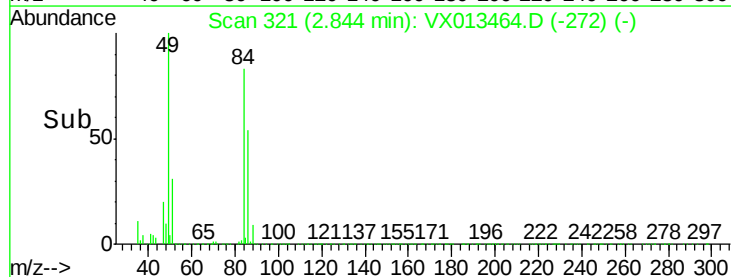
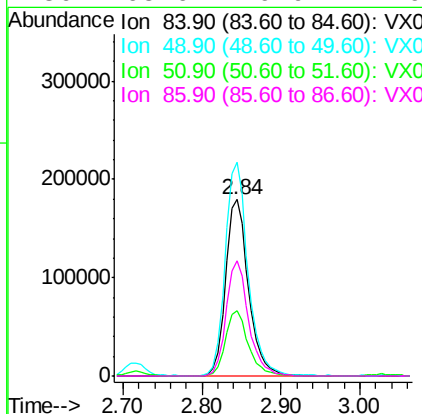
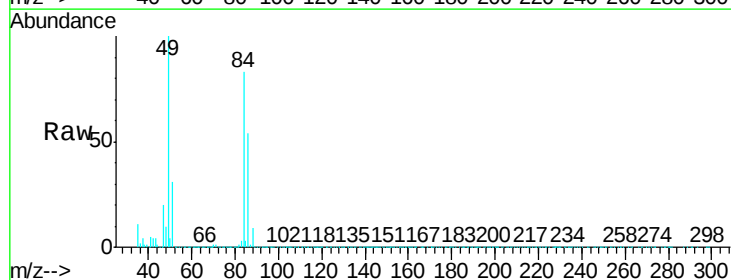
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

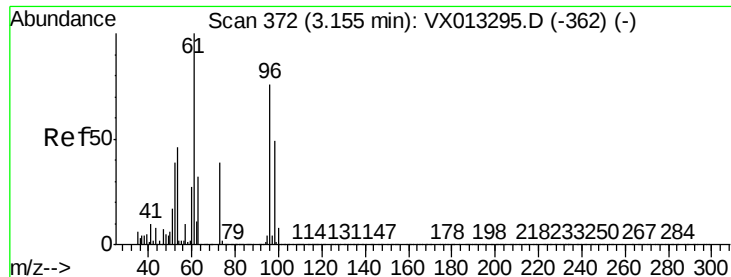
Tgt Ion: 73 Resp: 1098527
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7



#20
Methylene Chloride
Concen: 48.696 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 84 Resp: 360303
Ion Ratio Lower Upper
84 100
49 121.0 98.2 147.4
51 37.0 29.9 44.9
86 65.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.557 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

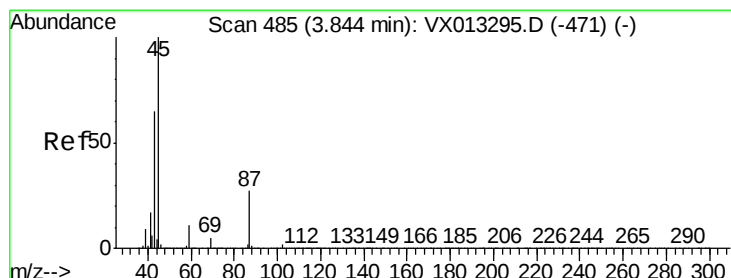
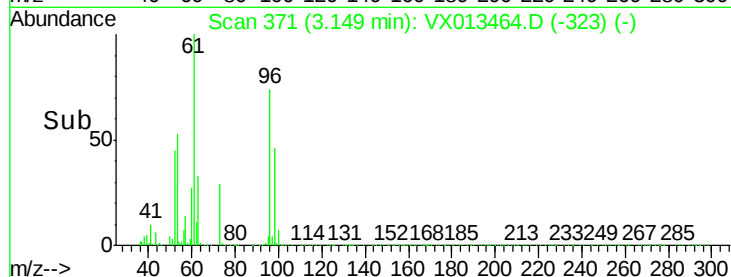
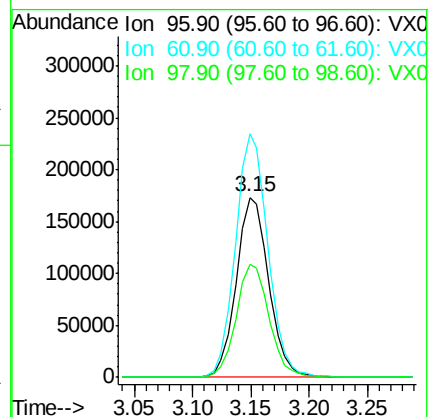
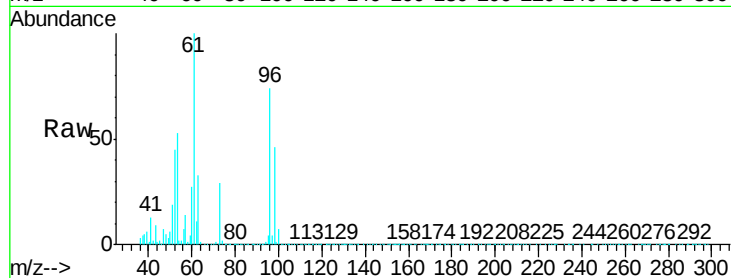
Tgt Ion: 96 Resp: 335429

Ion Ratio Lower Upper

96 100

61 135.3 105.8 158.6

98 62.9 51.8 77.6



#22

Diisopropyl ether

Concen: 53.764 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Tgt Ion: 45 Resp: 1172386

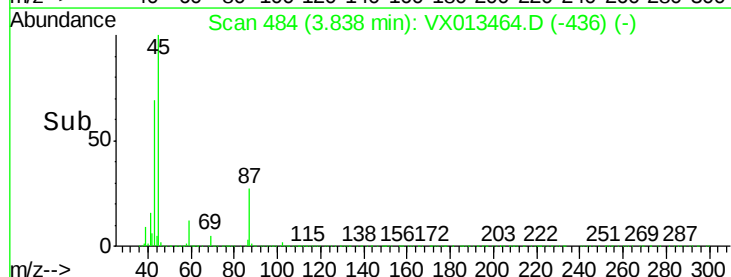
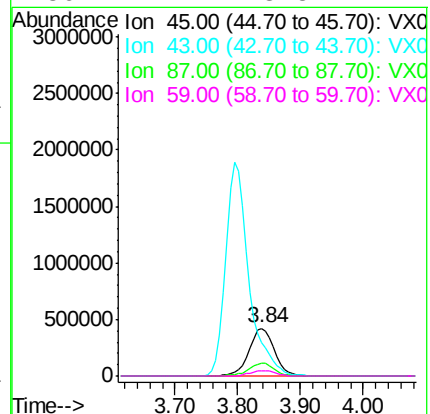
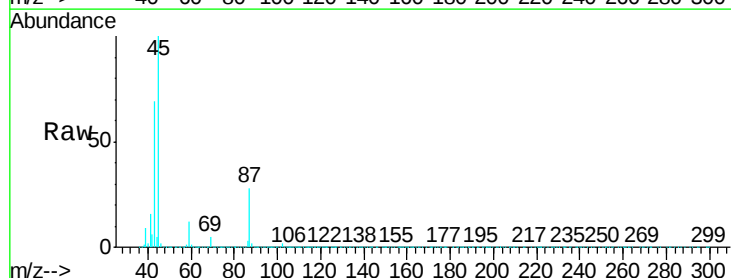
Ion Ratio Lower Upper

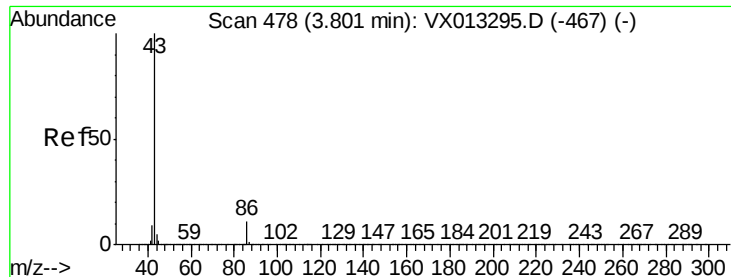
45 100

43 69.2 54.2 81.2

87 27.5 21.8 32.8

59 11.7 8.5 12.7





#23

Vinyl Acetate

Concen: 259.651 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

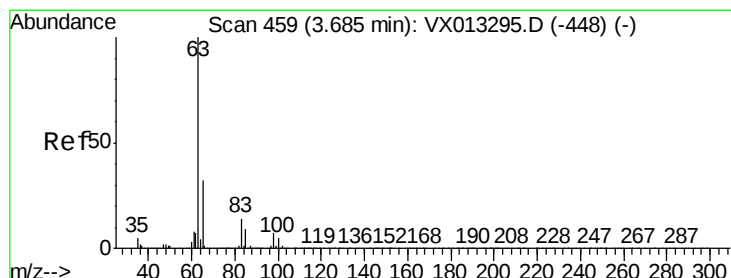
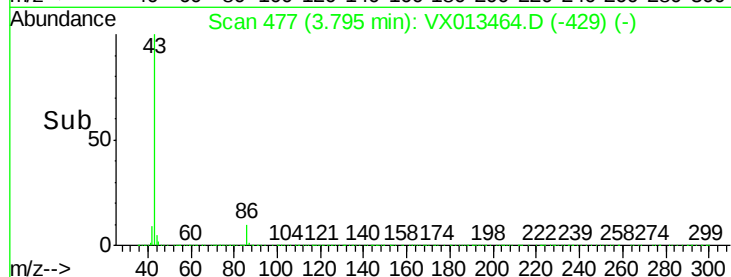
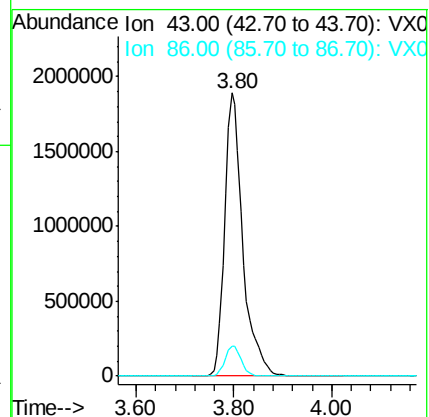
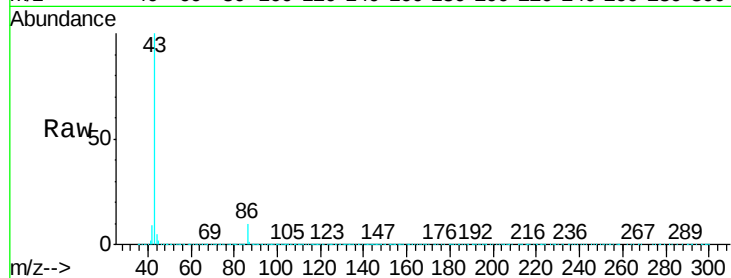
FA19-RFW1147MS

Tgt Ion: 43 Resp: 4844957

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 51.345 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

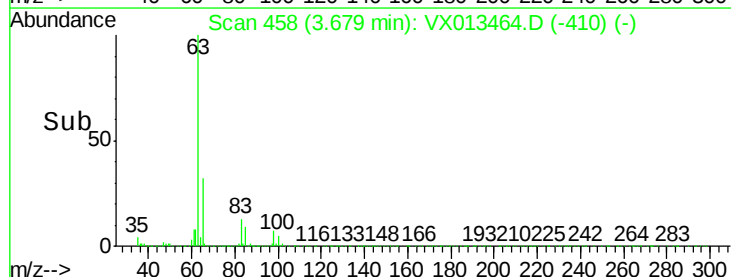
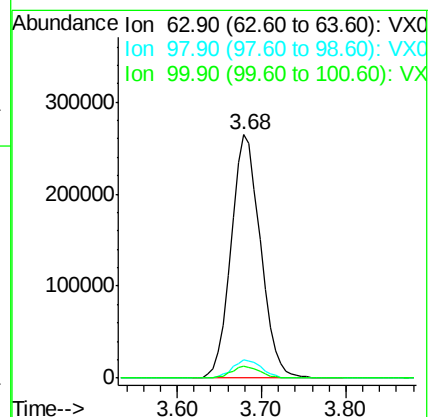
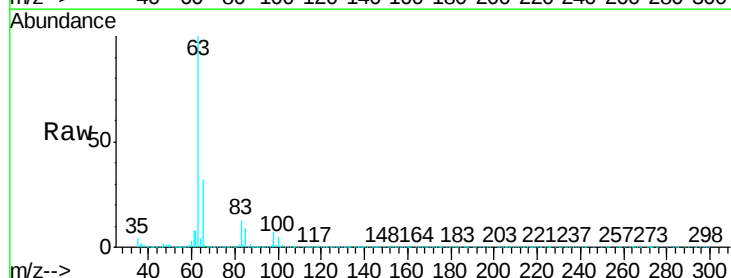
Tgt Ion: 63 Resp: 626338

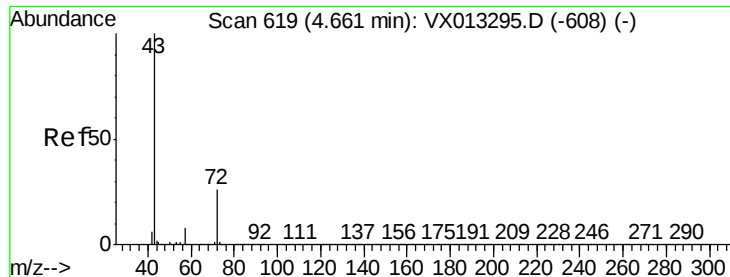
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 240.037 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

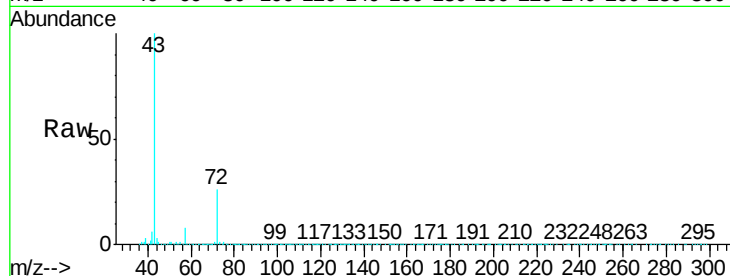
FA19-RFW1147MS

Tgt Ion: 43 Resp: 1410174

Ion Ratio Lower Upper

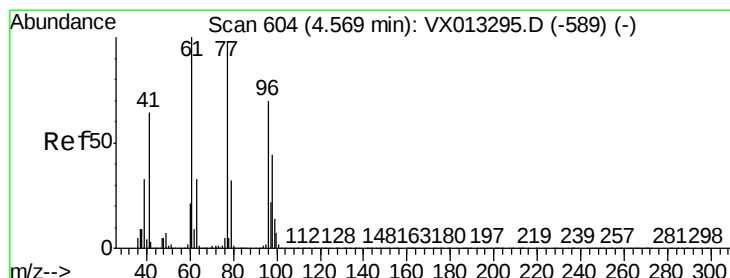
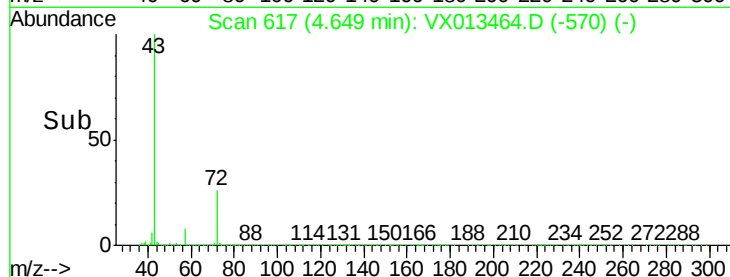
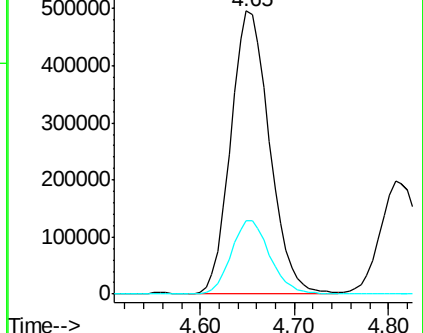
43 100

72 25.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 54.593 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013464.D

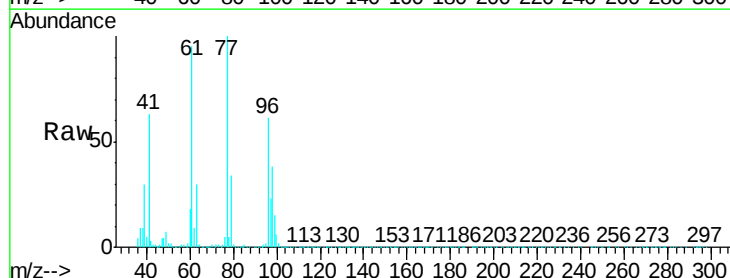
Acq: 19 Nov 2019 15:11

Tgt Ion: 77 Resp: 529785

Ion Ratio Lower Upper

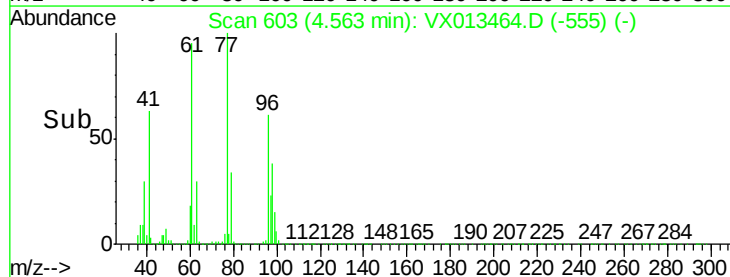
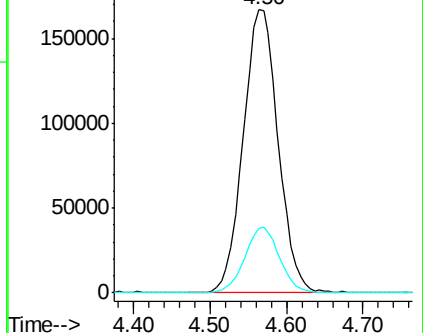
77 100

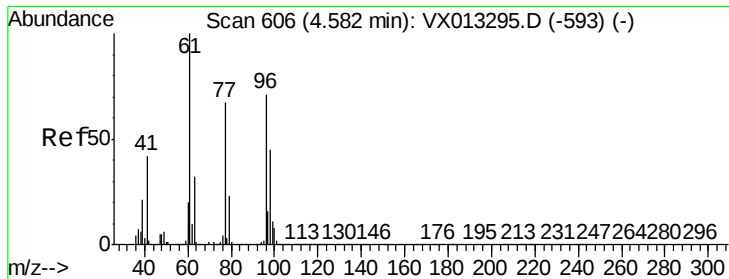
97 23.2 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



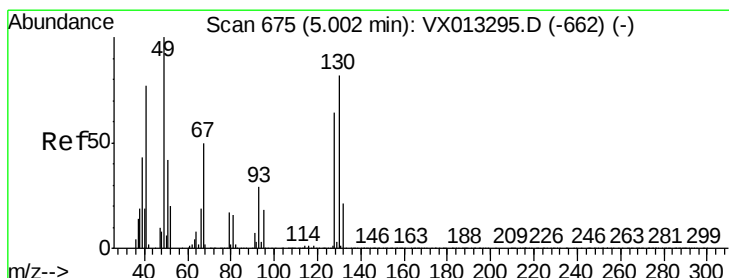
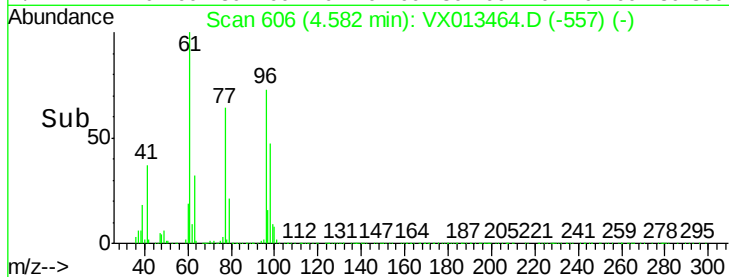
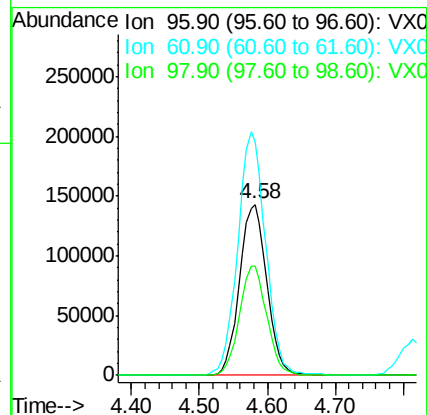
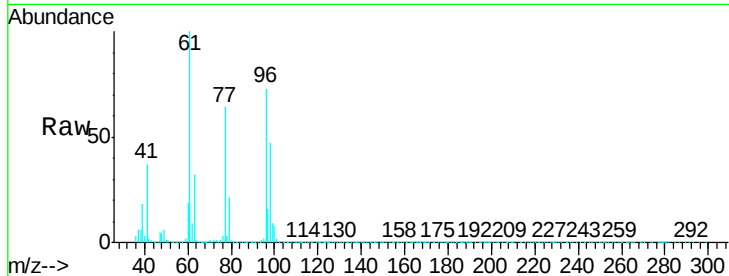


#27

cis-1,2-Dichloroethene
Concen: 52.628 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

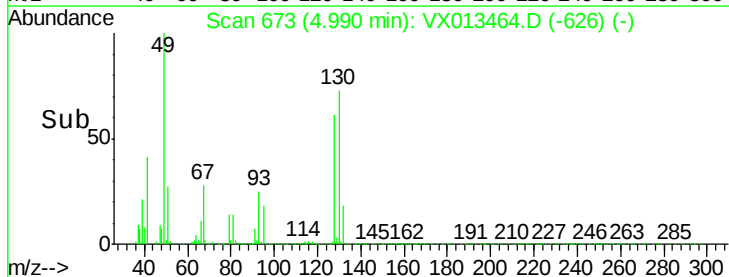
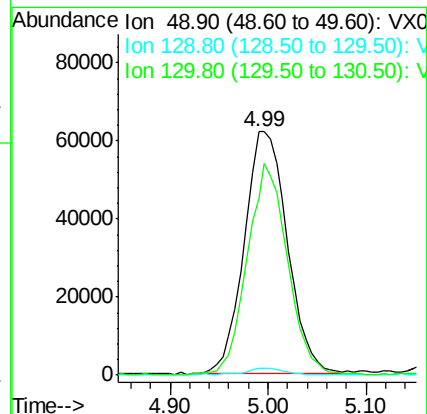
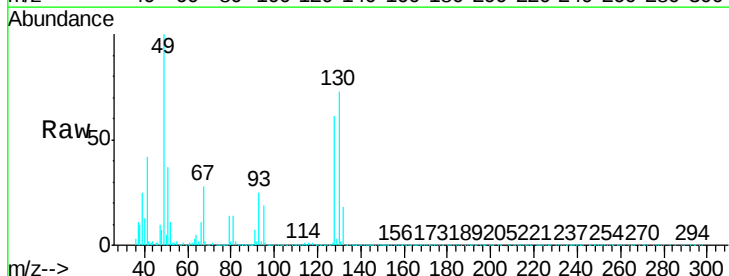
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	288.0
98	63.3	0.0	129.6

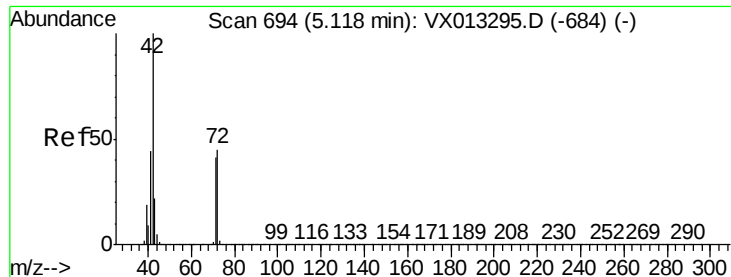


#28

Bromochloromethane
Concen: 55.103 ug/l
RT: 4.99 min Scan# 673
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.2
130	80.9	63.8	95.6





#29

Tetrahydrofuran

Concen: 249.703 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

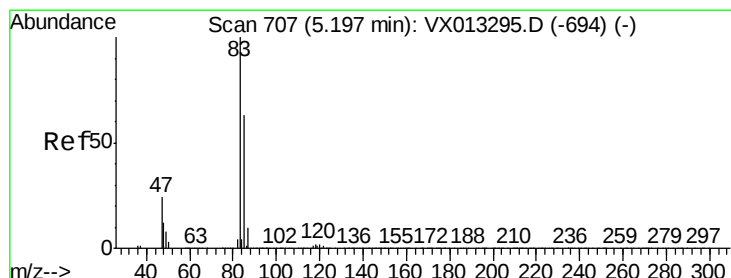
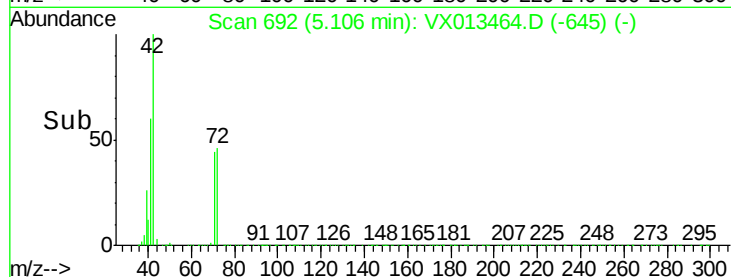
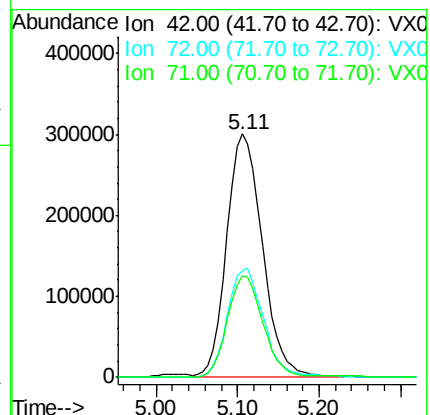
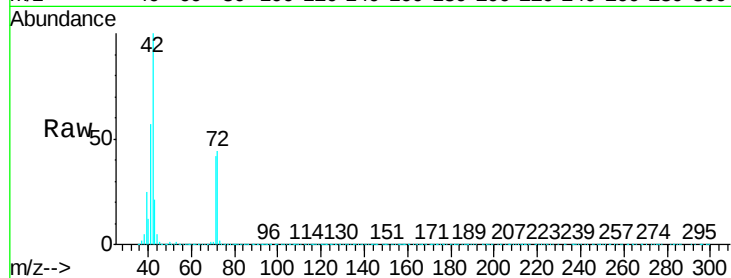
Tgt Ion: 42 Resp: 904001

Ion Ratio Lower Upper

42 100

72 45.6 35.8 53.8

71 41.8 33.4 50.0



#30

Chloroform

Concen: 51.436 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013464.D

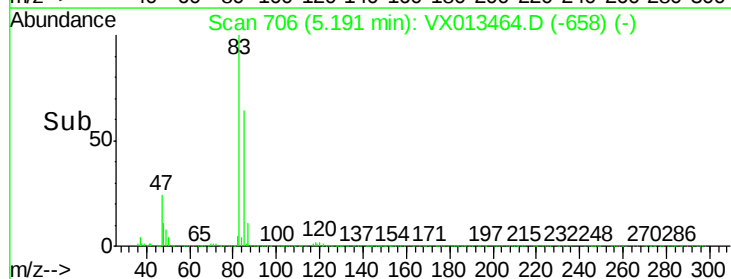
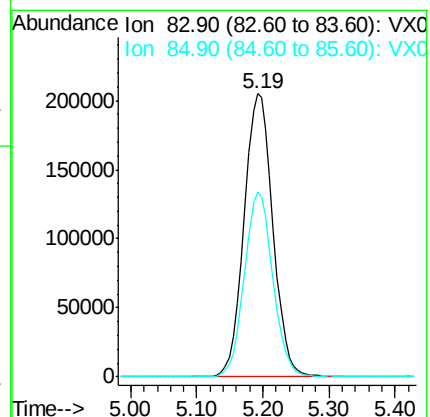
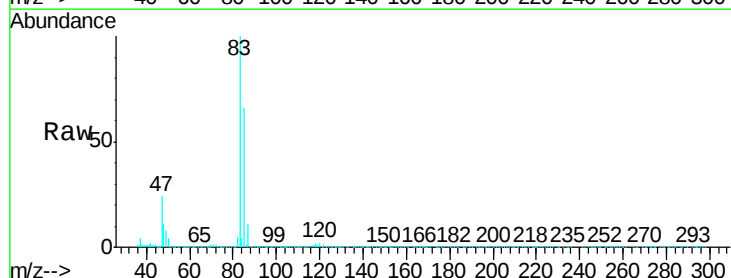
Acq: 19 Nov 2019 15:11

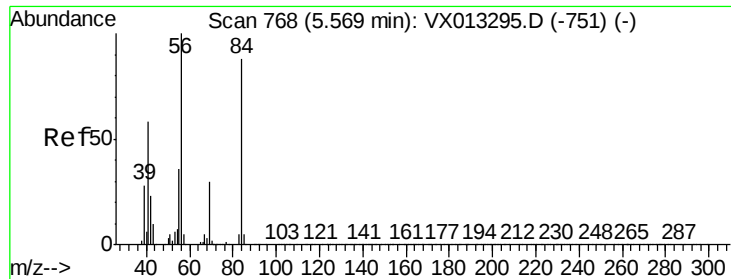
Tgt Ion: 83 Resp: 619567

Ion Ratio Lower Upper

83 100

85 65.5 50.2 75.4

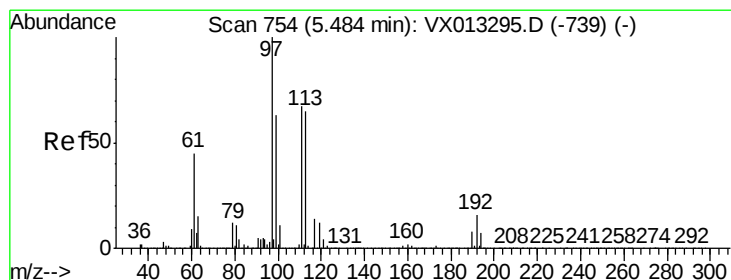
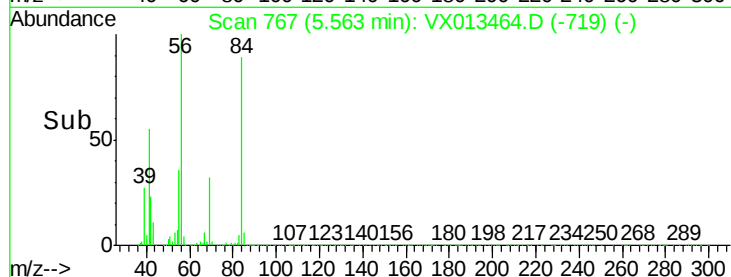
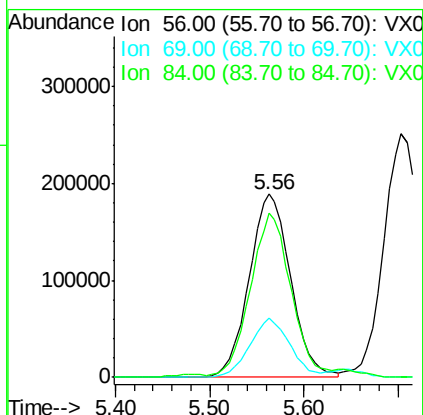
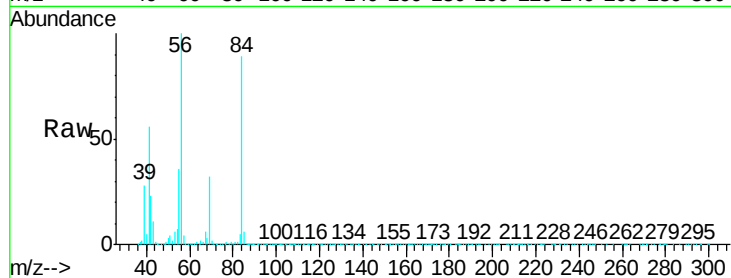




#31
Cyclohexane
Concen: 52.987 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

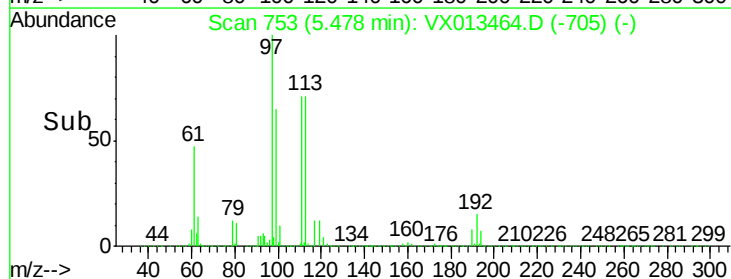
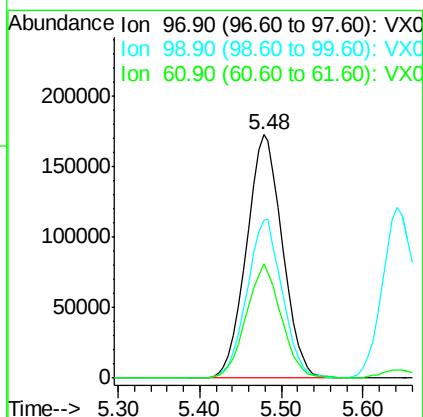
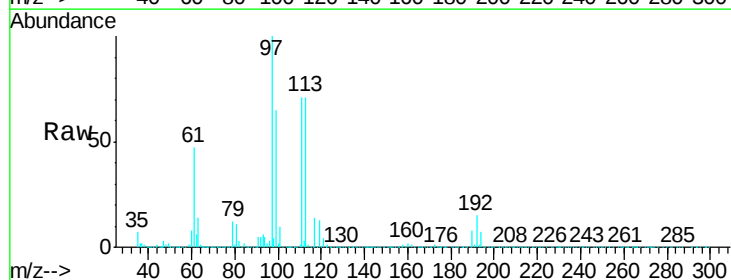
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

Tgt Ion: 56 Resp: 581620
Ion Ratio Lower Upper
56 100
69 31.8 23.7 35.5
84 87.9 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 50.815 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 97 Resp: 526759
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 45.4 36.5 54.7

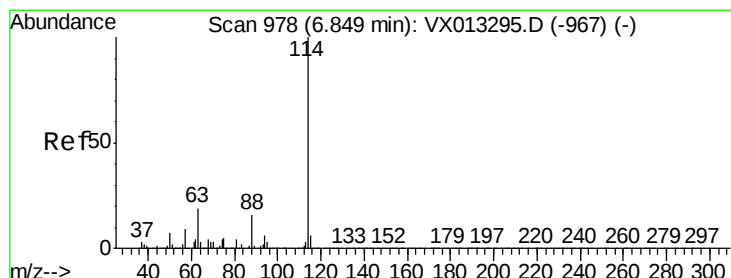
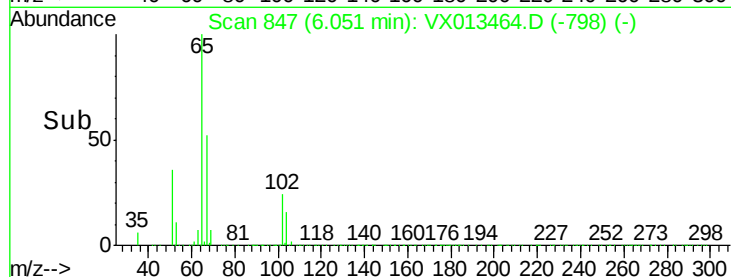
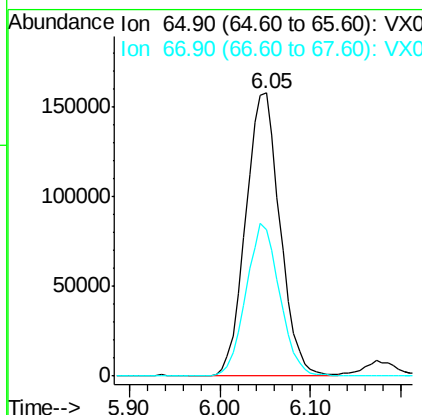
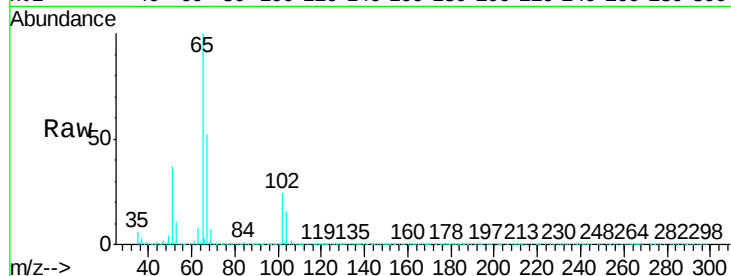




#33
 1,2-Dichloroethane-d4
 Concen: 51.350 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

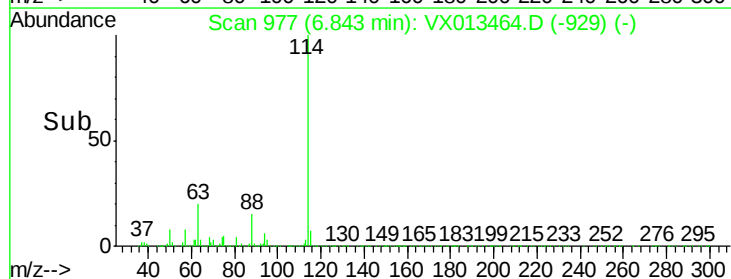
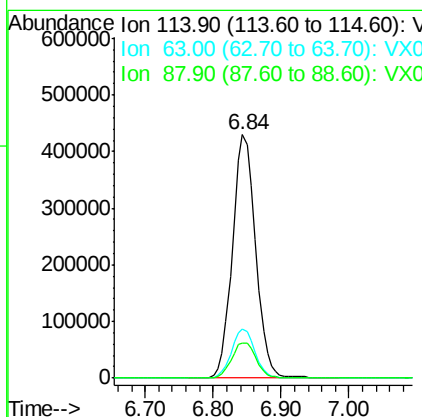
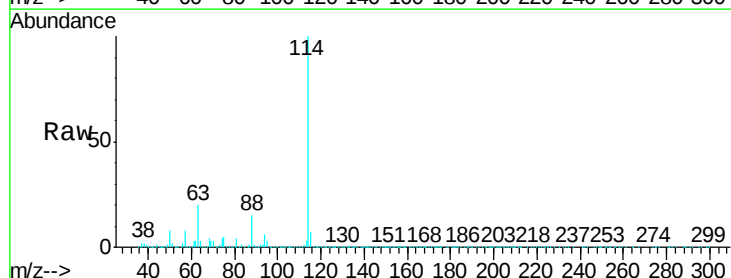
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MS

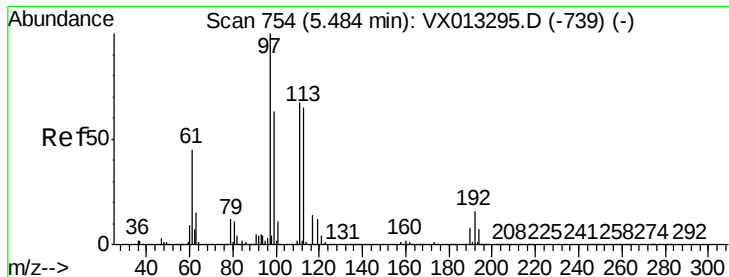
Tgt Ion: 65 Resp: 412274
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

Tgt Ion: 114 Resp: 1019180
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 14.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 54.580 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

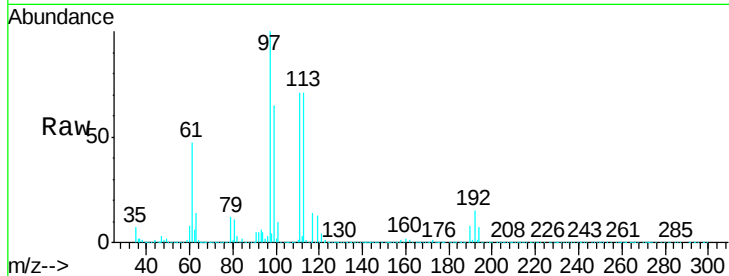
Tgt Ion: 113 Resp: 348896

Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

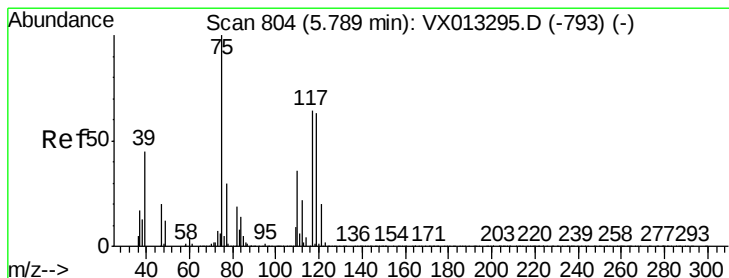
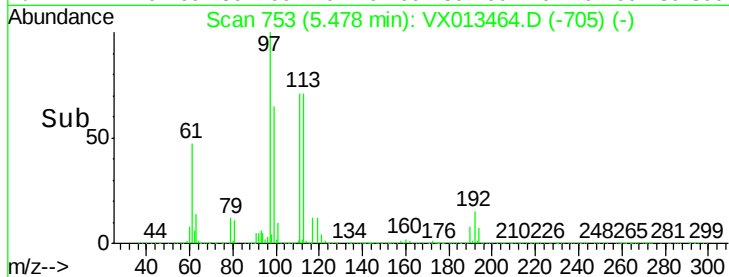
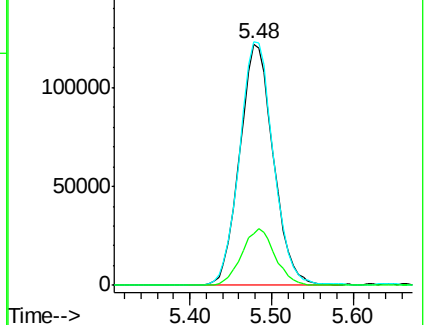
192 23.4 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.719 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

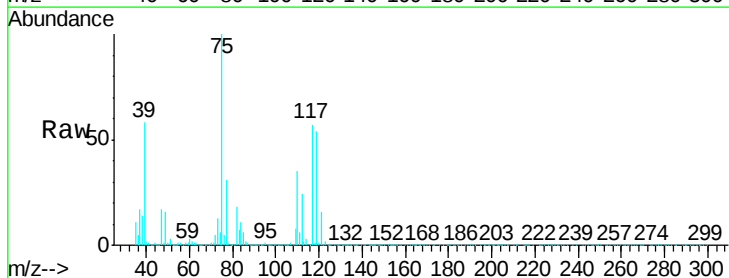
Tgt Ion: 75 Resp: 460937

Ion Ratio Lower Upper

75 100

110 35.9 18.1 54.1

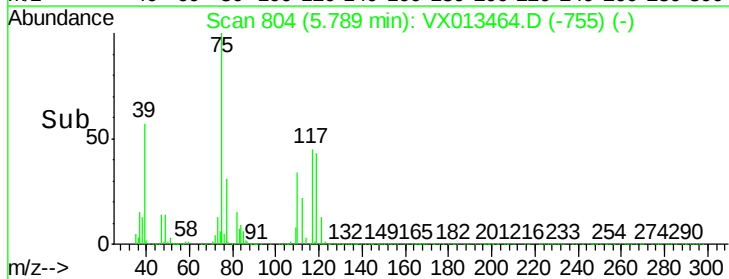
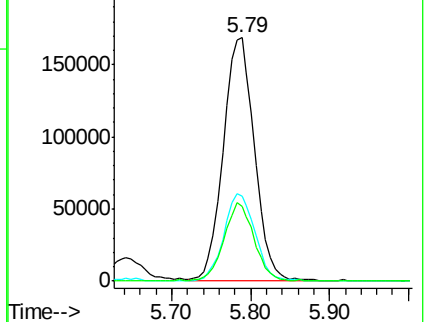
77 30.4 25.0 37.4

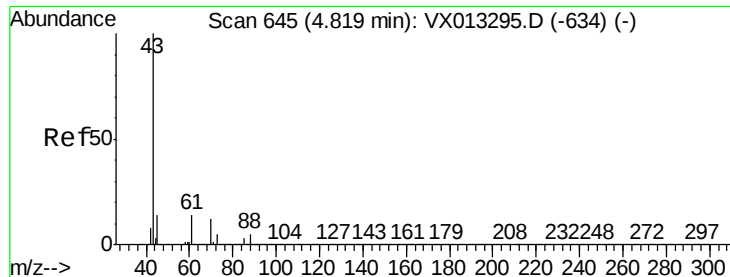


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

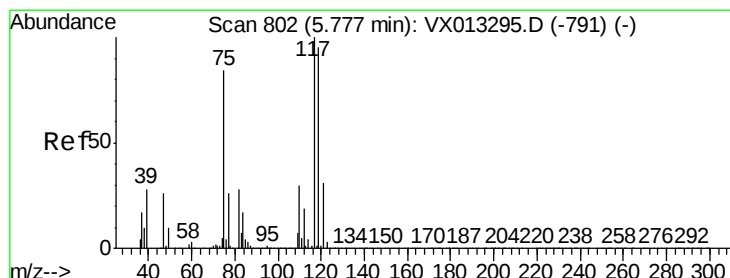
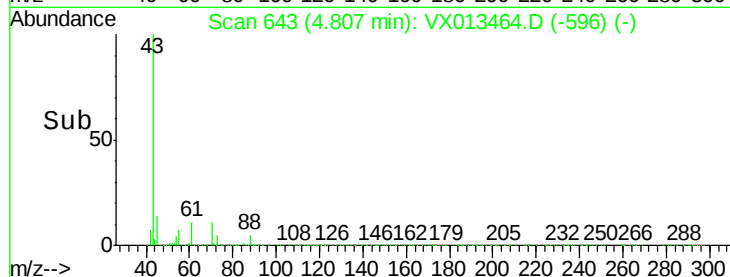
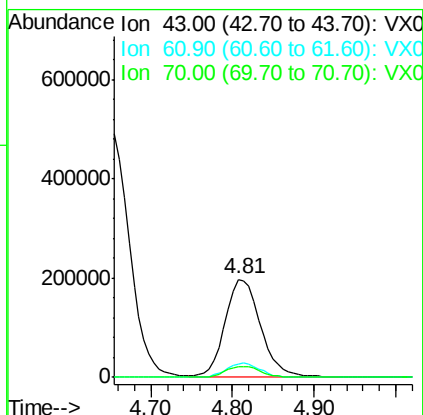
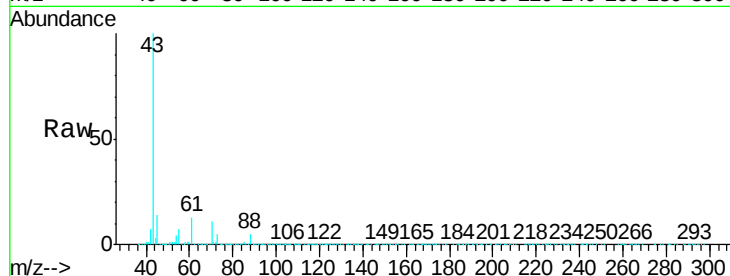




#37
Ethyl Acetate
Concen: 54.376 ug/l
RT: 4.81 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

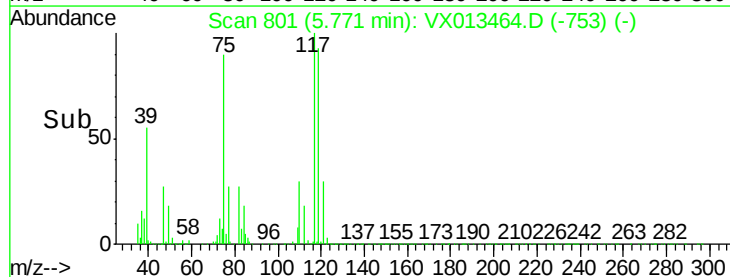
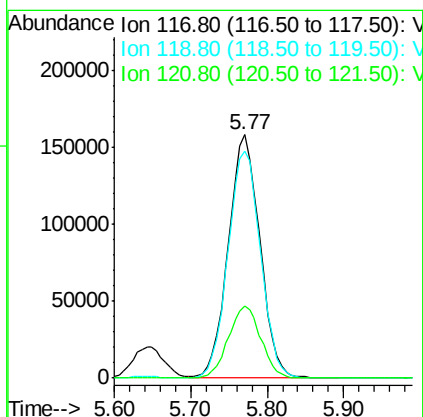
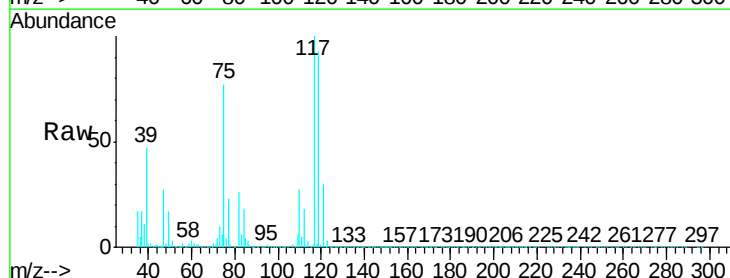
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

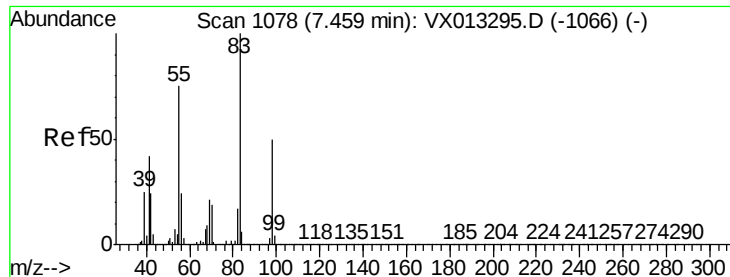
Tgt Ion: 43 Resp: 587471
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 11.0 8.7 13.1



#38
Carbon Tetrachloride
Concen: 52.583 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 117 Resp: 449580
Ion Ratio Lower Upper
117 100
119 93.3 76.1 114.1
121 29.6 24.6 37.0

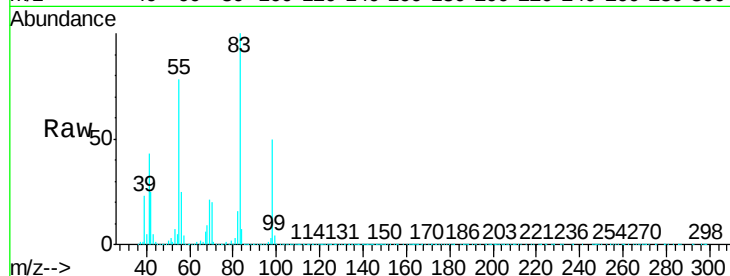




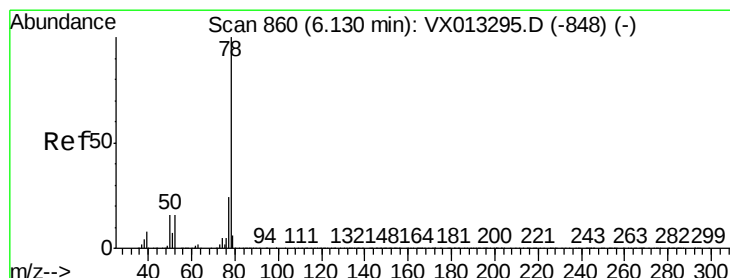
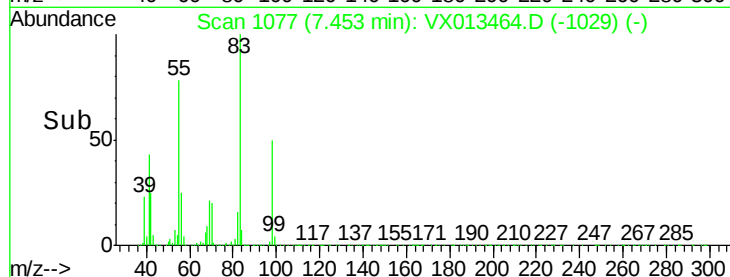
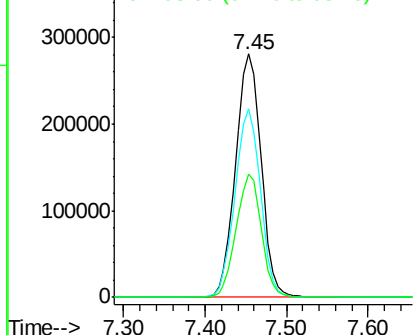
#39
Methylcyclohexane
Concen: 55.593 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.5	60.3	90.5
98	50.4	40.3	60.5

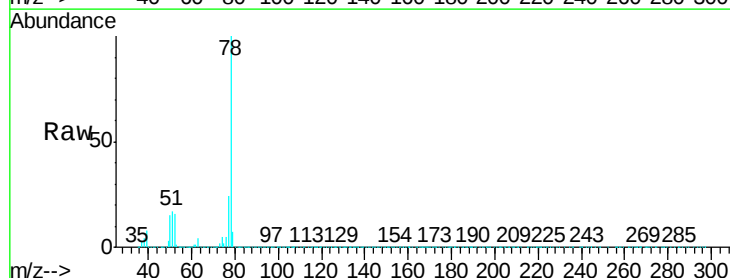


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

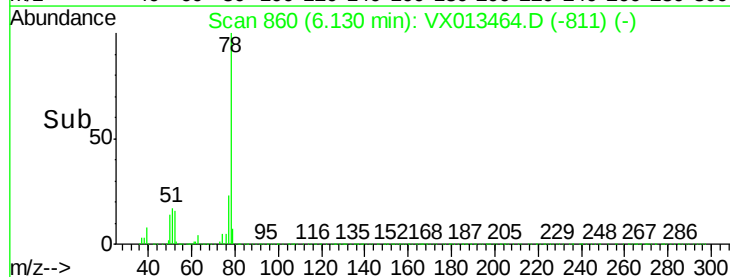
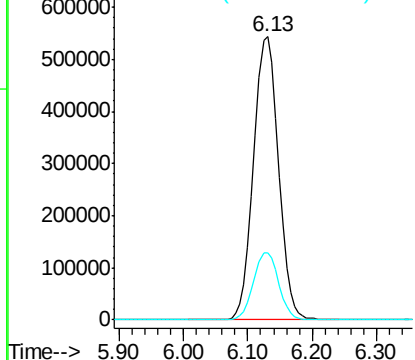


#40
Benzene
Concen: 53.001 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 51.542 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

Tgt Ion: 41 Resp: 312113

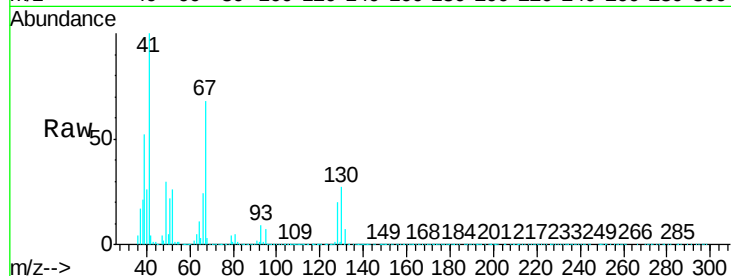
Ion Ratio Lower Upper

41 100

39 54.1 45.0 67.6

67 69.6 55.4 83.2

52 27.6 23.1 34.7

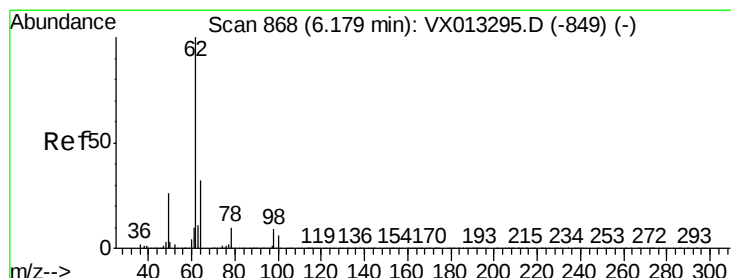
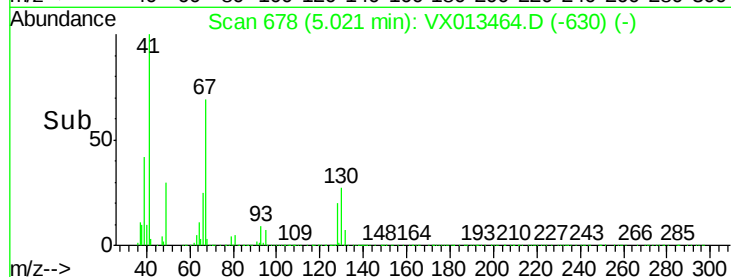
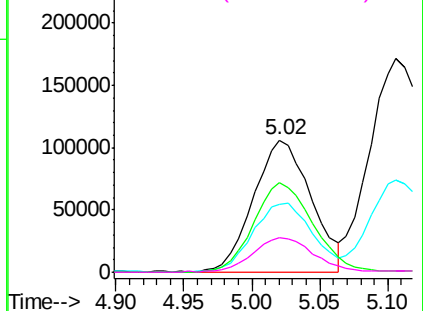


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 51.065 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX013464.D

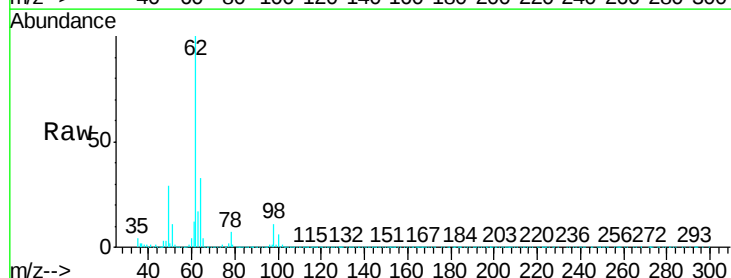
Acq: 19 Nov 2019 15:11

Tgt Ion: 62 Resp: 501653

Ion Ratio Lower Upper

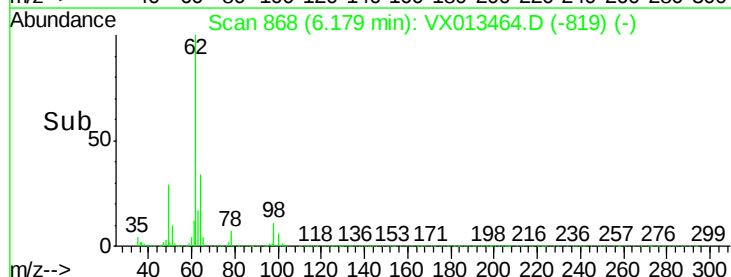
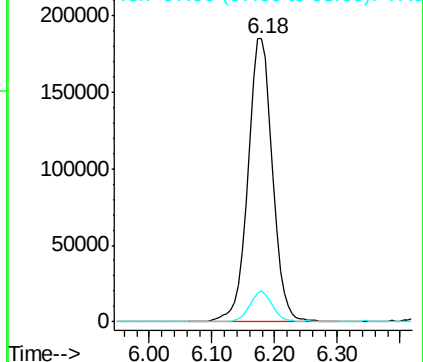
62 100

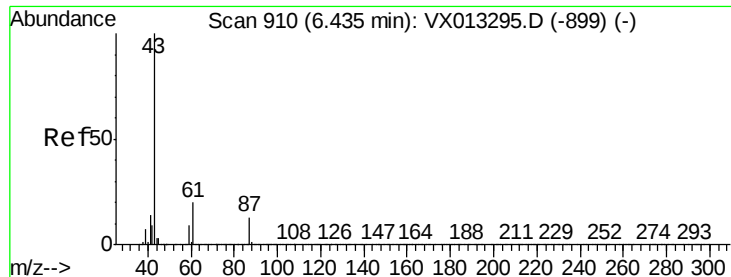
98 10.3 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.658 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

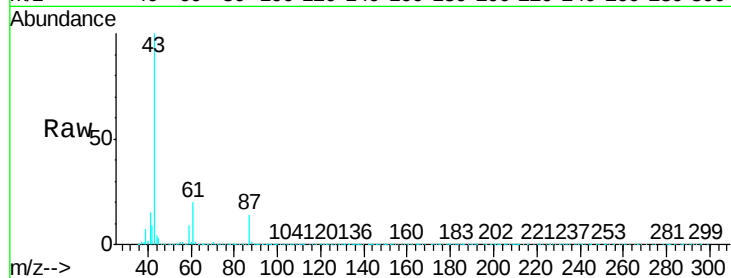
Tgt Ion: 43 Resp: 885892

Ion Ratio Lower Upper

43 100

61 20.6 15.8 23.8

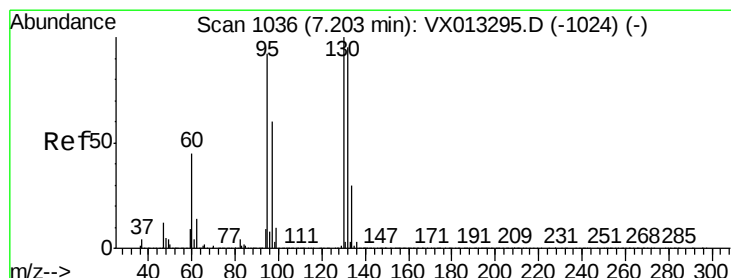
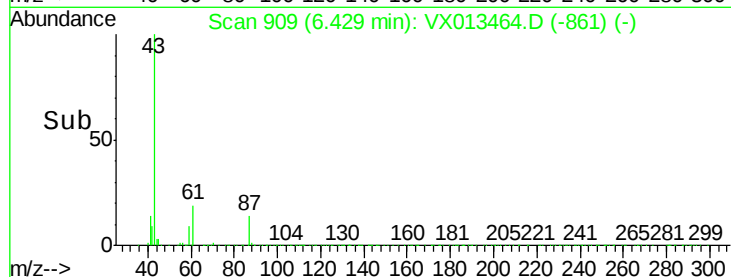
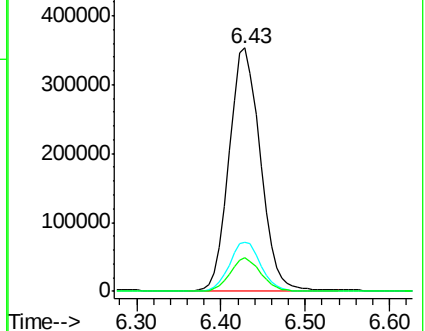
87 13.3 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.690 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013464.D

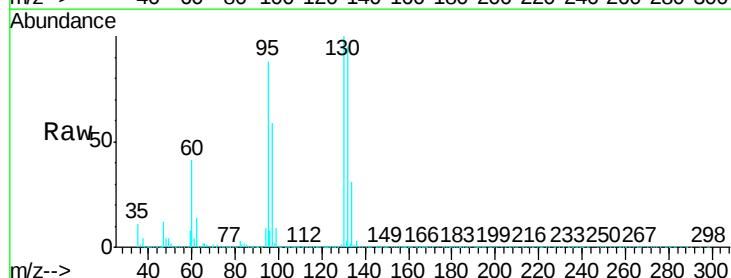
Acq: 19 Nov 2019 15:11

Tgt Ion:130 Resp: 380020

Ion Ratio Lower Upper

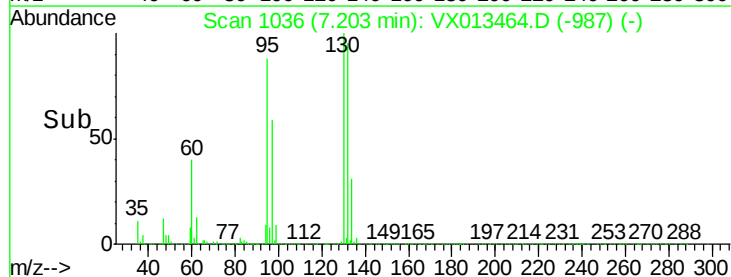
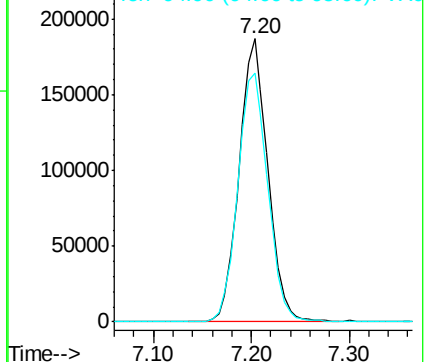
130 100

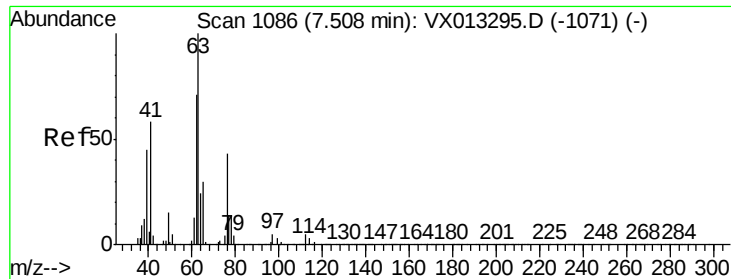
95 87.7 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

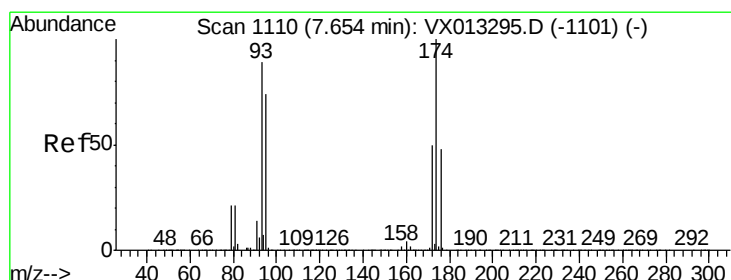
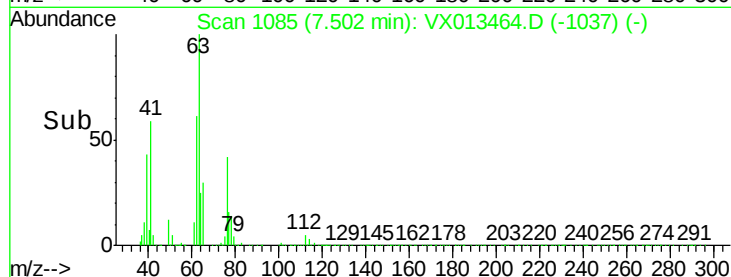
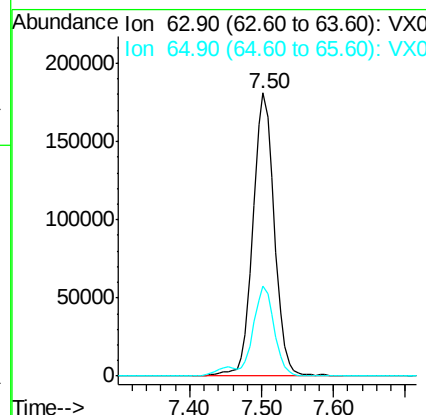
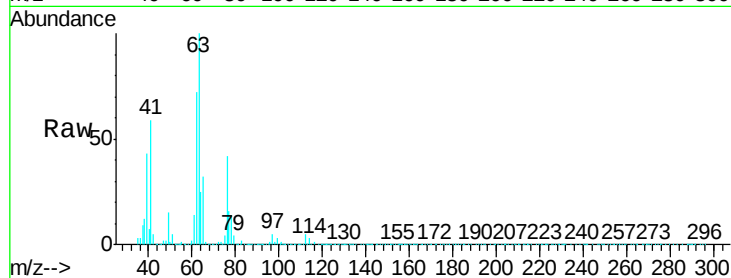




#45
 1,2-Dichloropropane
 Concen: 53.637 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

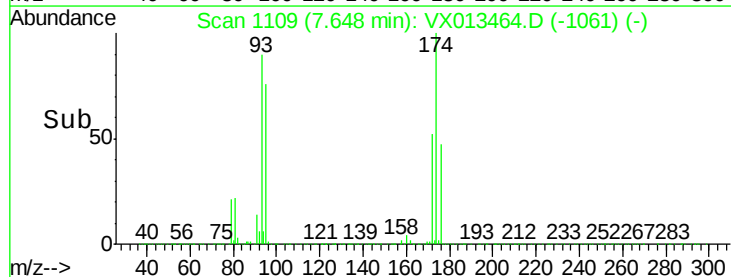
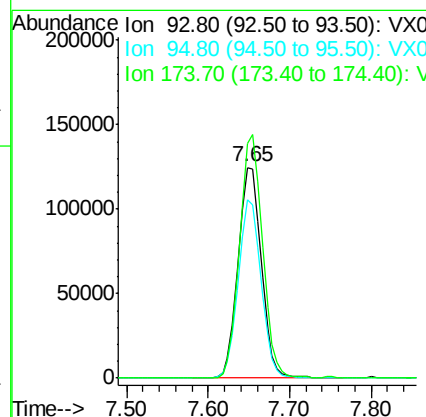
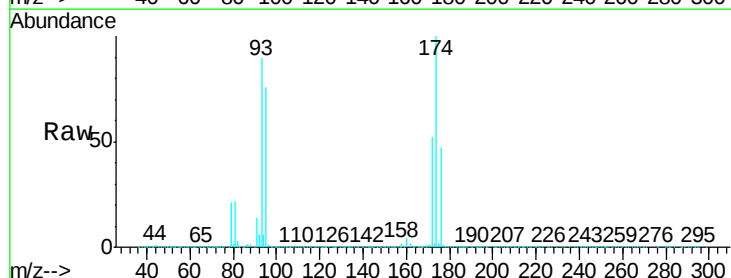
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MS

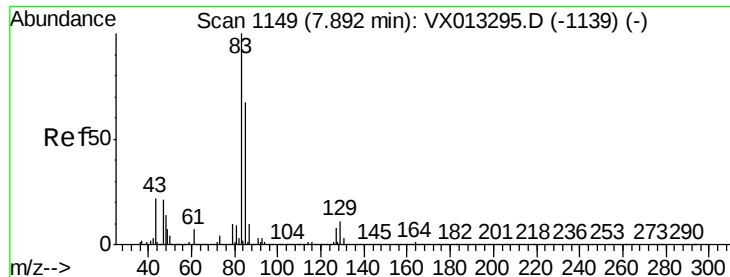
Tgt Ion: 63 Resp: 372204
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.3 36.5



#46
 Dibromomethane
 Concen: 51.453 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

Tgt Ion: 93 Resp: 243787
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.8 98.6
 174 114.6 90.4 135.6





#47

Bromodichloromethane

Concen: 54.550 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

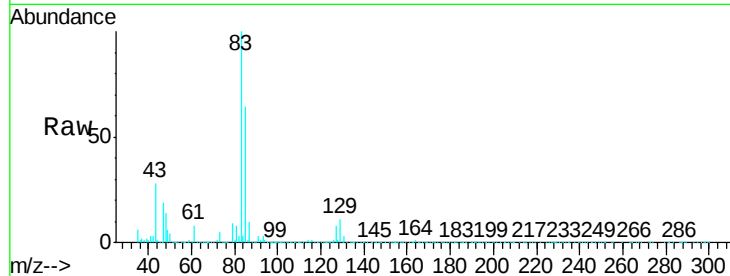
Tgt Ion: 83 Resp: 487377

Ion Ratio Lower Upper

83 100

85 64.5 53.7 80.5

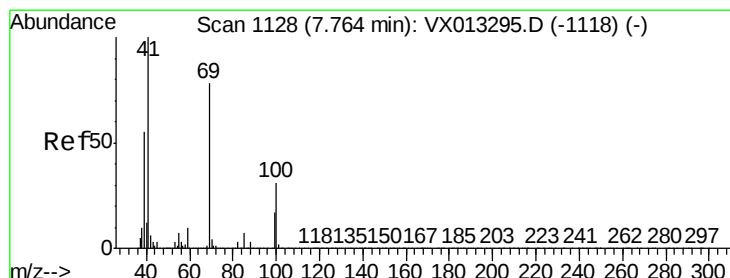
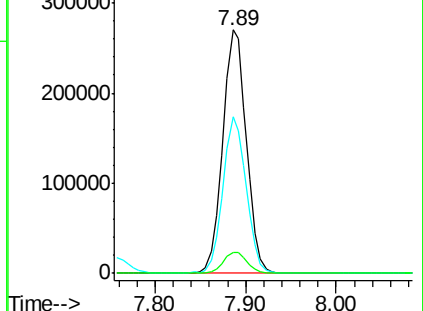
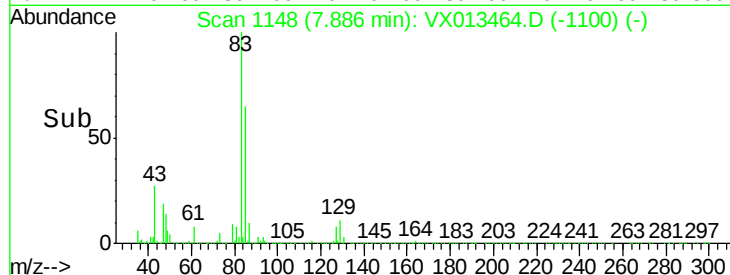
127 8.4 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.334 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

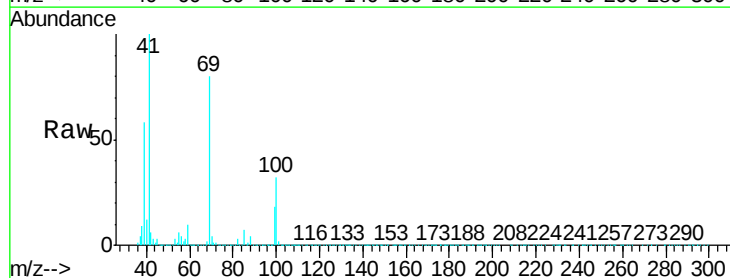
Tgt Ion: 41 Resp: 447889

Ion Ratio Lower Upper

41 100

69 81.6 63.0 94.6

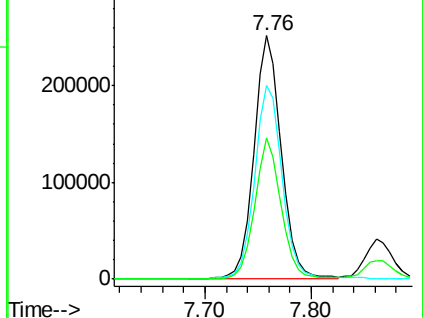
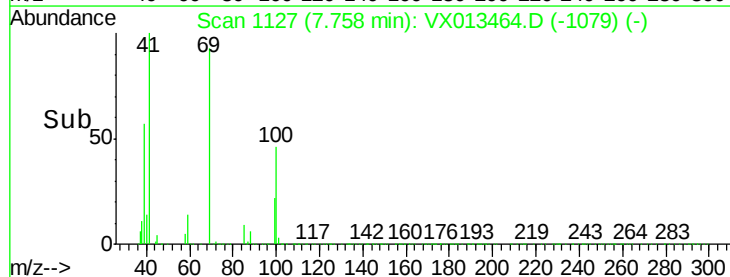
39 56.1 45.9 68.9

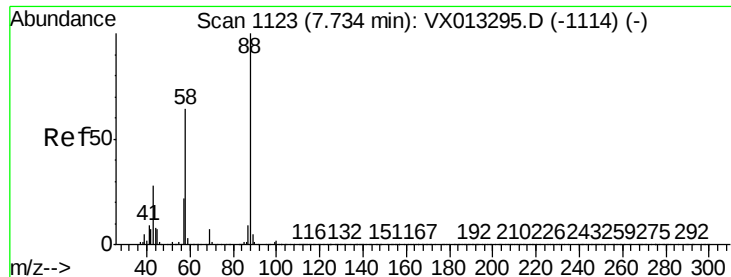


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 859.118 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

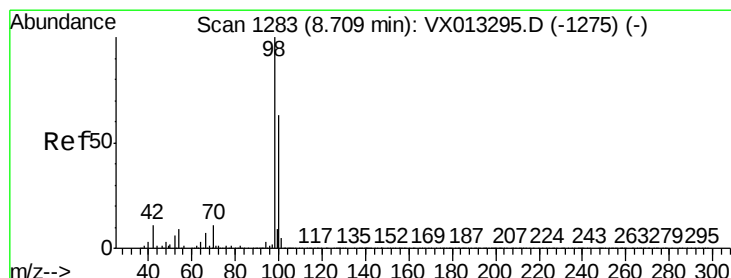
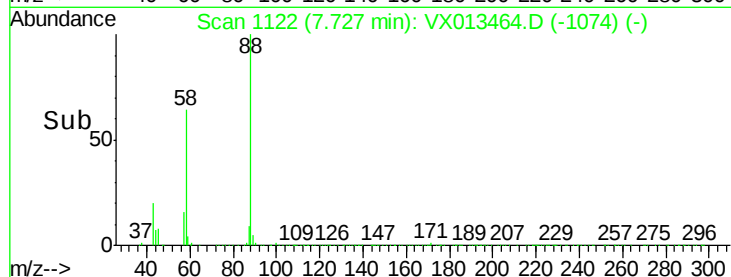
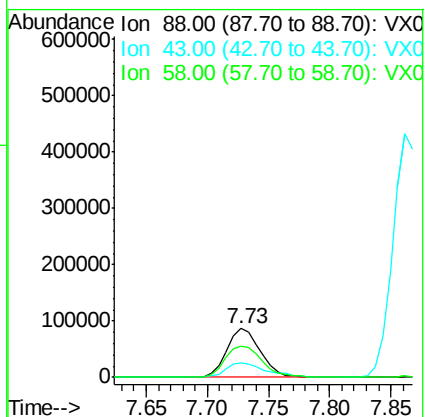
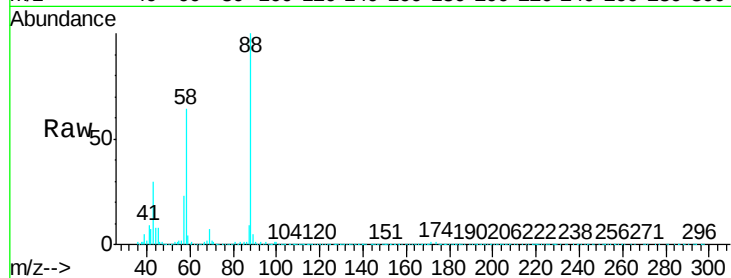
Tgt Ion: 88 Resp: 165226

Ion Ratio Lower Upper

88 100

43 34.3 26.6 39.8

58 69.7 55.0 82.6



#50

Toluene-d8

Concen: 54.184 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013464.D

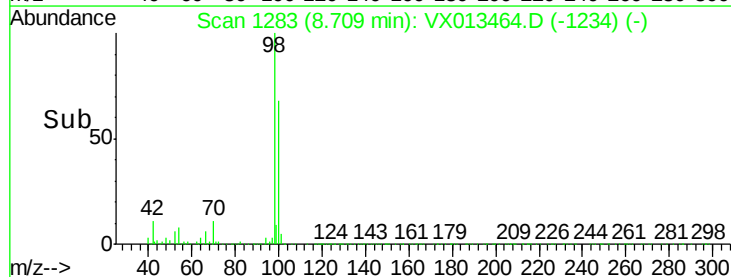
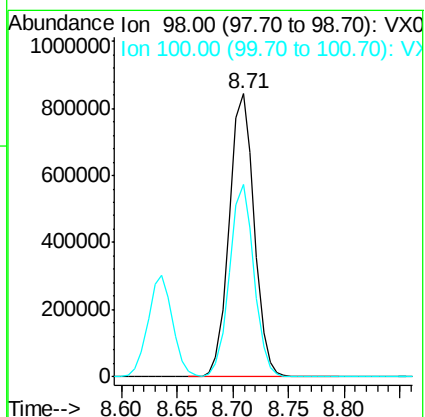
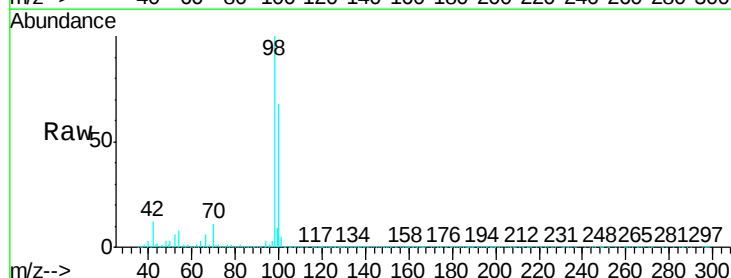
Acq: 19 Nov 2019 15:11

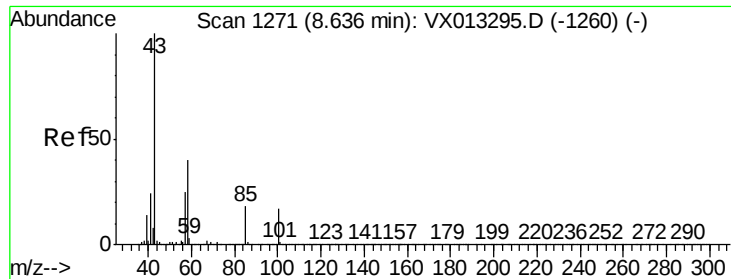
Tgt Ion: 98 Resp: 1305770

Ion Ratio Lower Upper

98 100

100 66.7 52.2 78.2

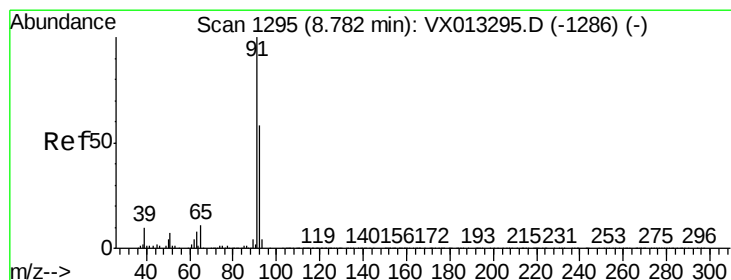
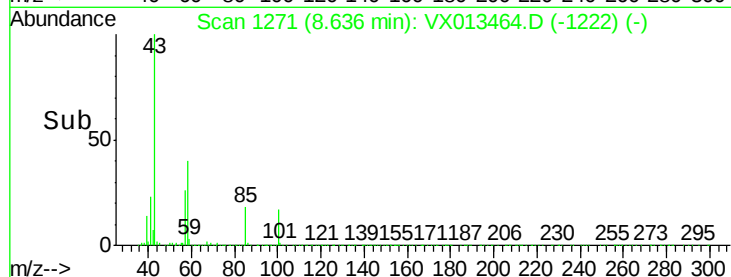
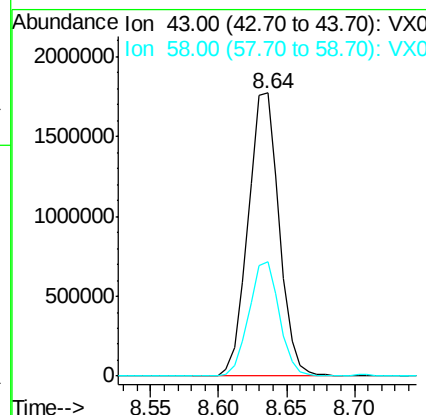
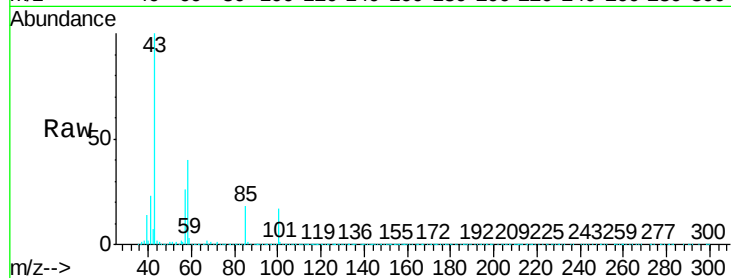




#51
 4-Methyl-2-Pentanone
 Concen: 256.678 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

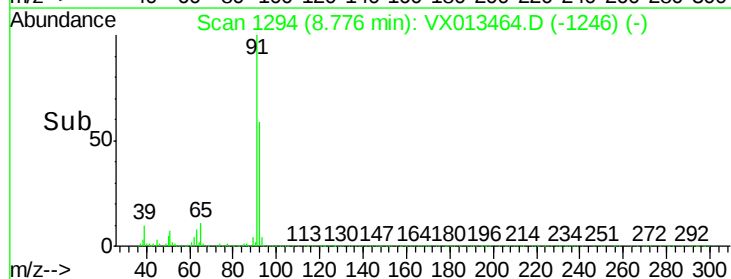
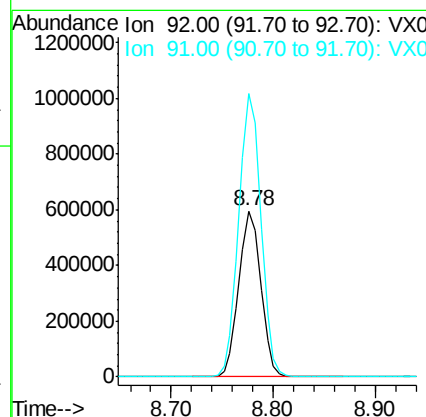
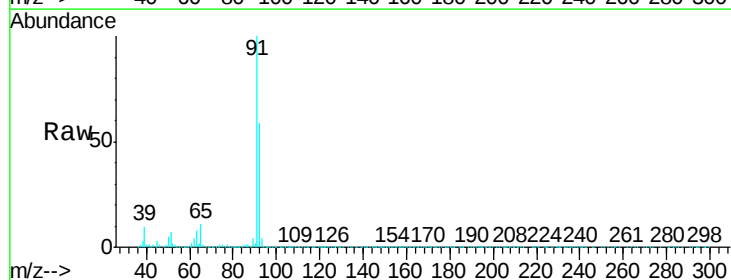
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MS

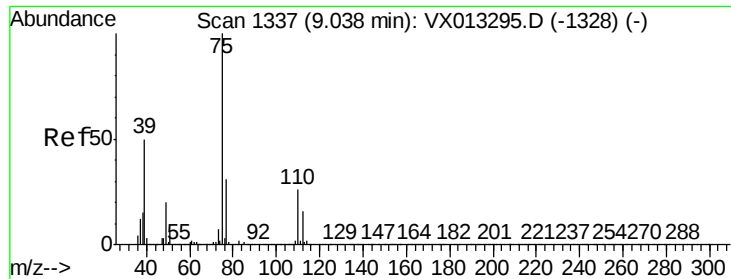
Tgt Ion: 43 Resp: 2833113
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.4 47.0



#52
 Toluene
 Concen: 52.803 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

Tgt Ion: 92 Resp: 891322
 Ion Ratio Lower Upper
 92 100
 91 171.9 138.0 207.0

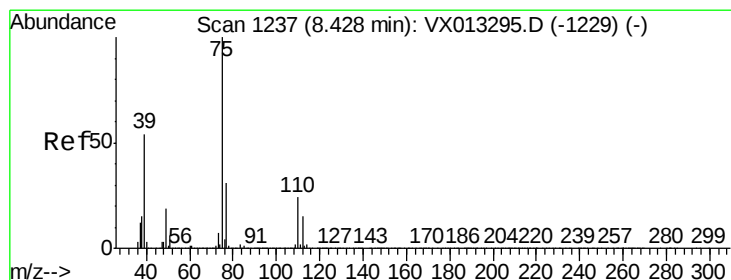
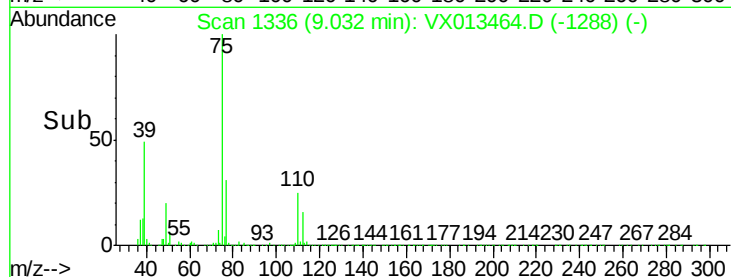
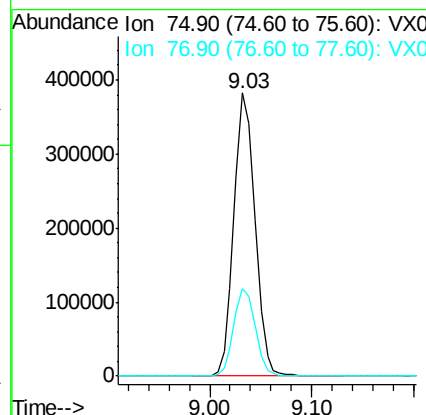
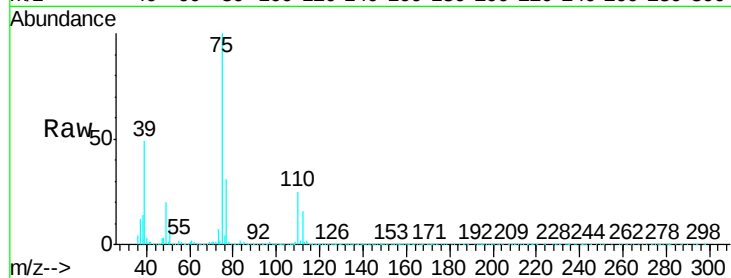




#53
t-1,3-Dichloropropene
Concen: 55.987 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

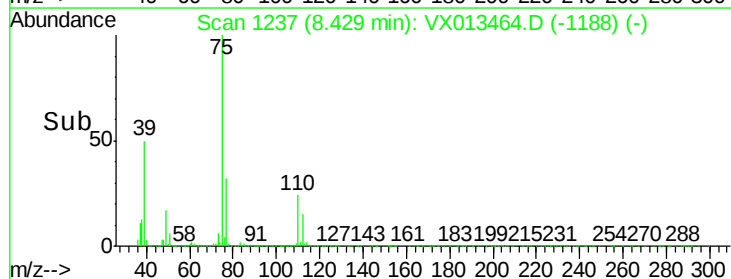
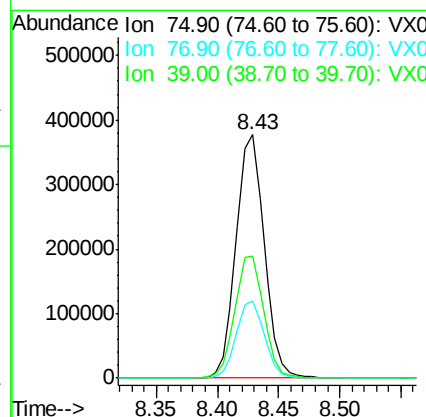
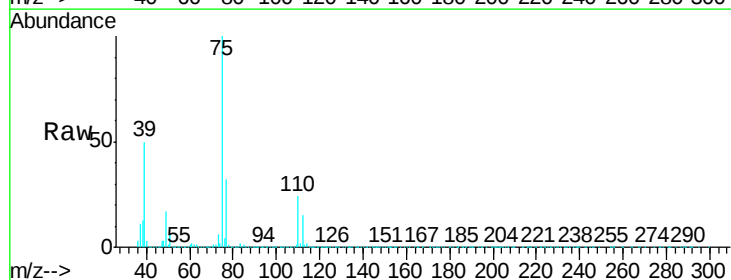
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

Tgt Ion: 75 Resp: 546985
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 55.026 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 75 Resp: 601354
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 50.1 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 53.052 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

Tgt Ion: 97 Resp: 371186

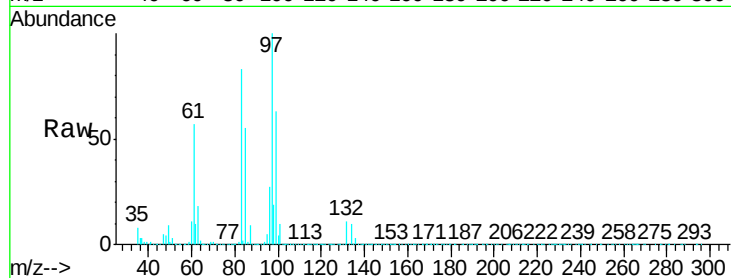
Ion Ratio Lower Upper

97 100

83 83.2 68.6 103.0

85 54.6 43.1 64.7

99 62.9 49.4 74.0

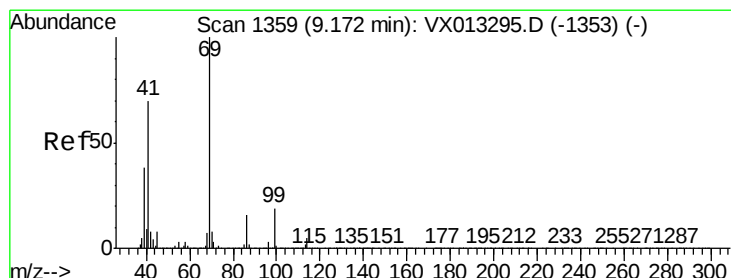
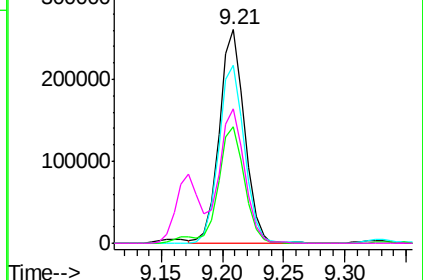
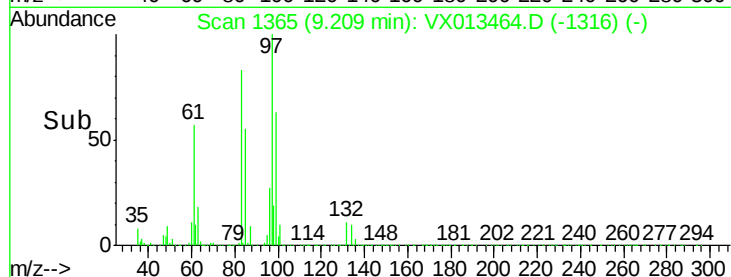


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.507 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

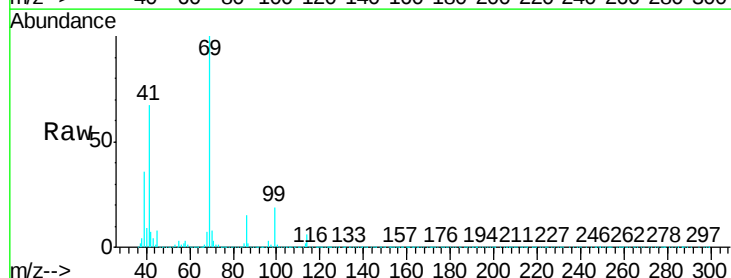
Tgt Ion: 69 Resp: 603481

Ion Ratio Lower Upper

69 100

41 68.4 56.2 84.2

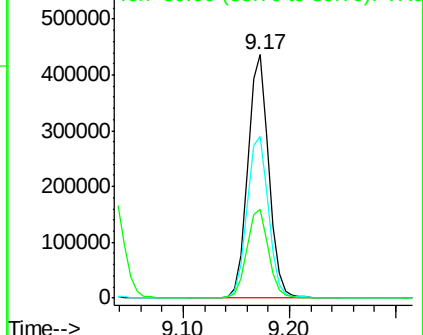
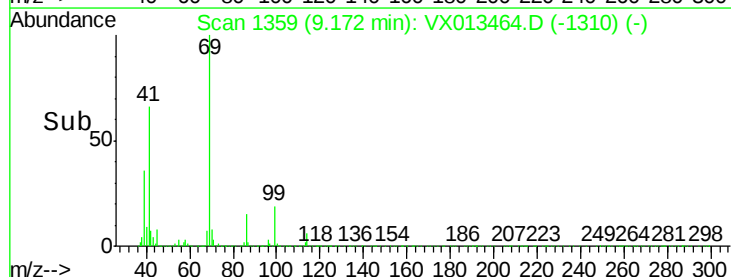
39 37.2 31.1 46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.913 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

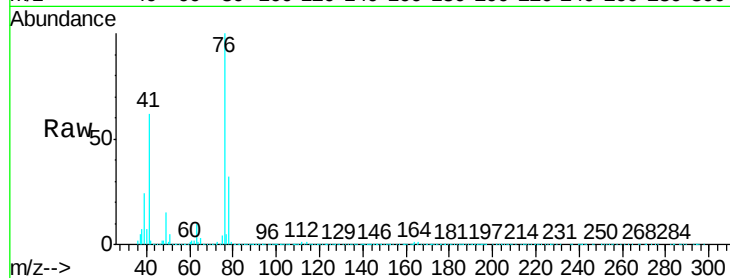
FA19-RFW1147MS

Tgt Ion: 76 Resp: 628454

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

400000

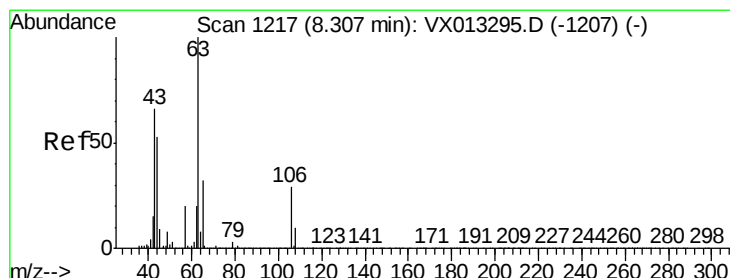
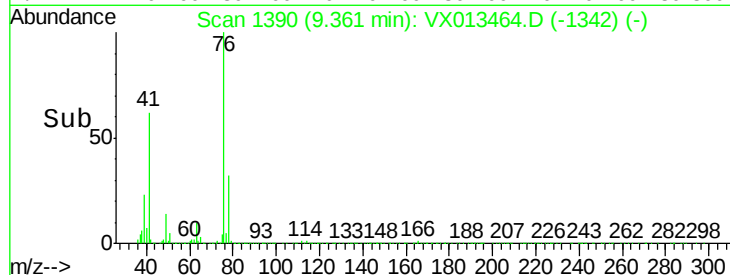
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 19.983 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013464.D

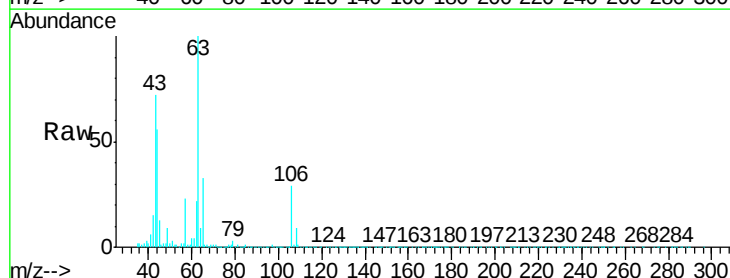
Acq: 19 Nov 2019 15:11

Tgt Ion: 63 Resp: 95599

Ion Ratio Lower Upper

63 100

106 28.7 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

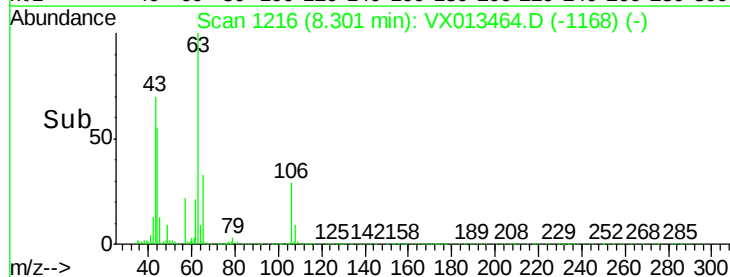
60000

40000

20000

0

Time-->

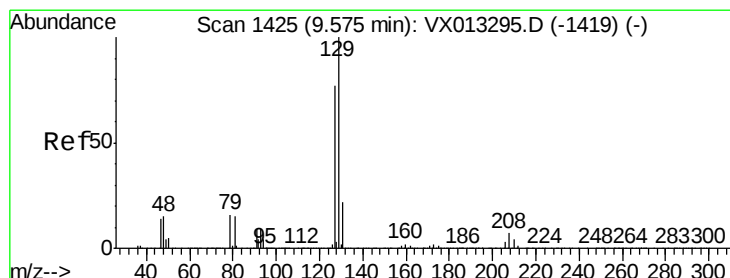
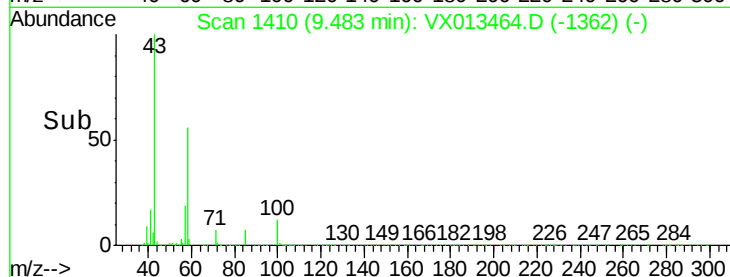
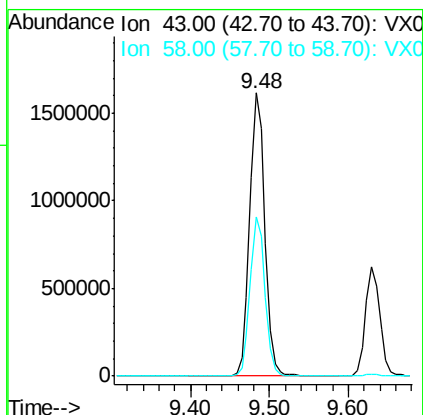
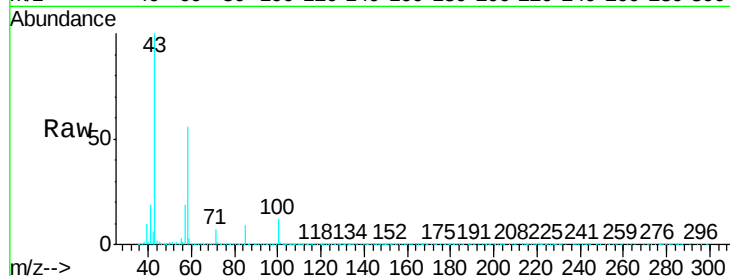




#59
2-Hexanone
Concen: 252.223 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

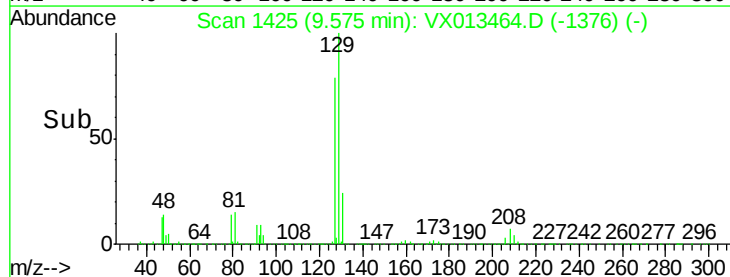
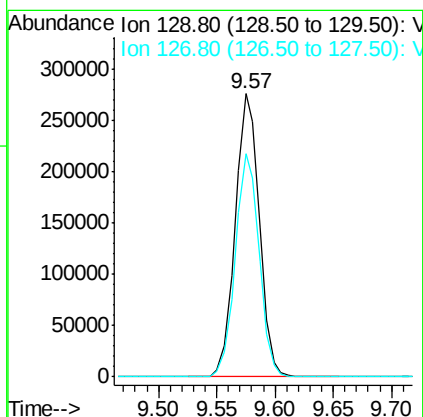
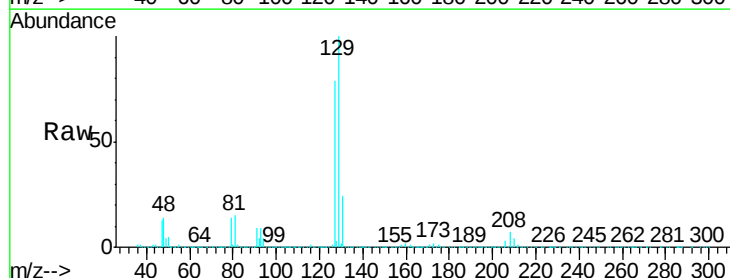
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

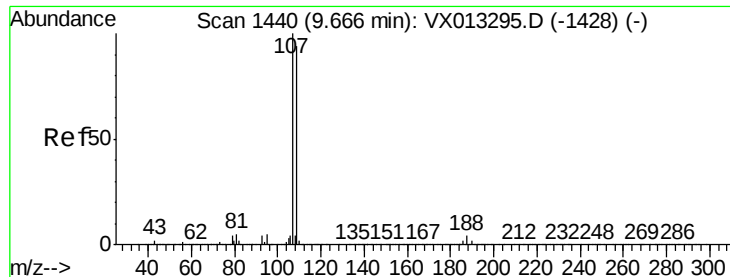
Tgt Ion: 43 Resp: 2151368
Ion Ratio Lower Upper
43 100
58 55.8 27.3 81.8



#60
Dibromochloromethane
Concen: 55.466 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 129 Resp: 396892
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.963 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

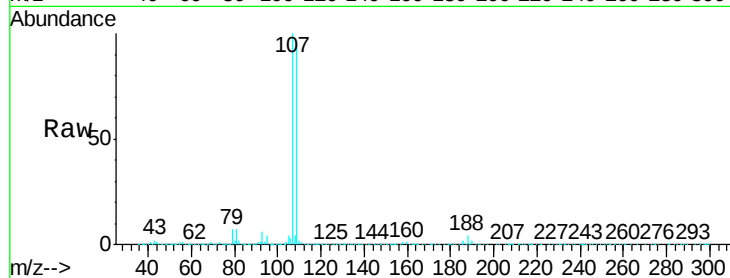
FA19-RFW1147MS

Tgt Ion: 107 Resp: 386064

Ion Ratio Lower Upper

107 100

109 95.2 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

300000

250000

200000

150000

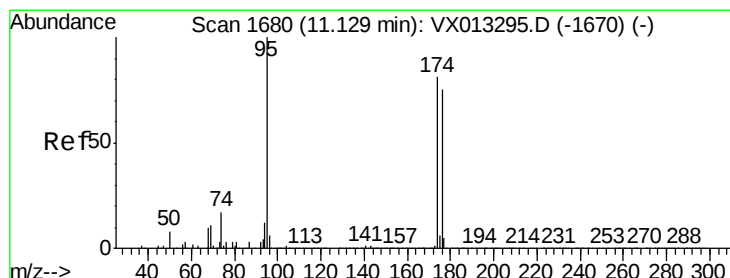
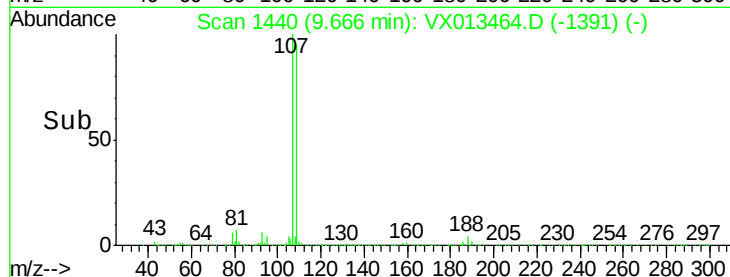
100000

50000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 55.209 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

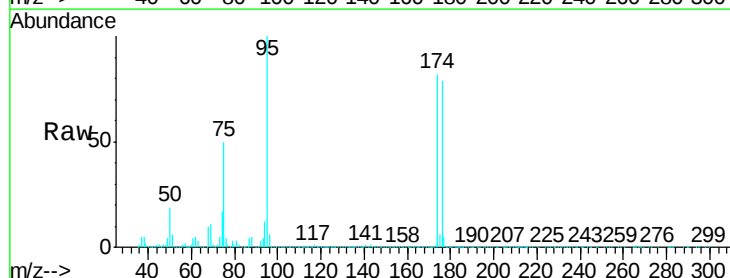
Tgt Ion: 95 Resp: 480177

Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.8

176 85.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

500000

400000

300000

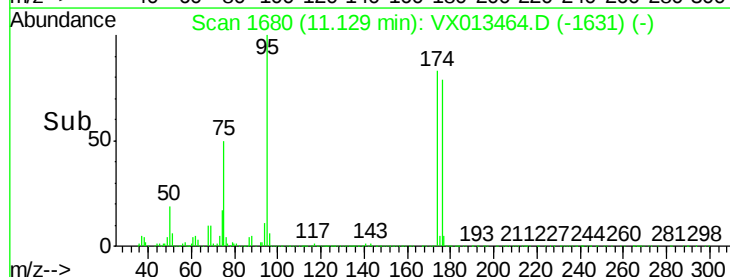
200000

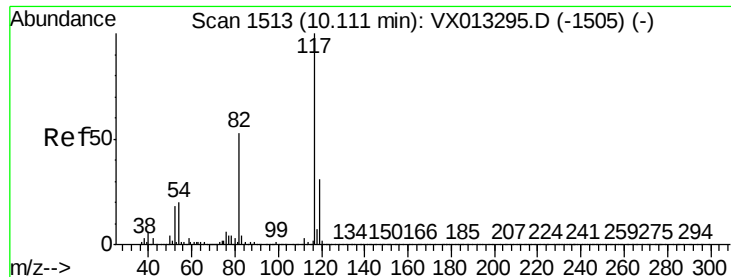
100000

0

11.05 11.10 11.15 11.20

Time-->

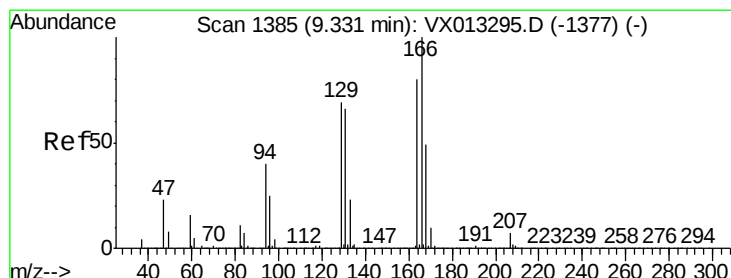
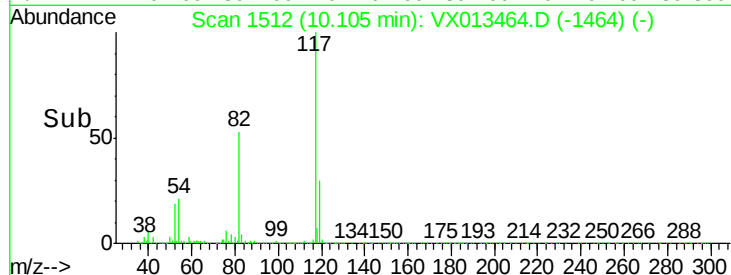
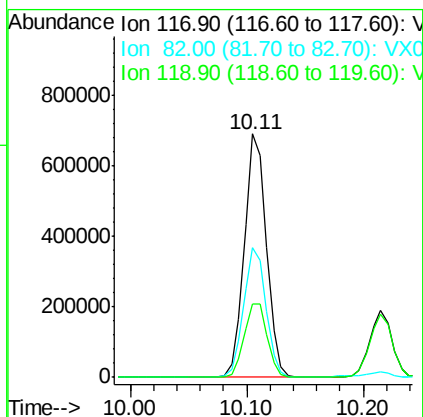
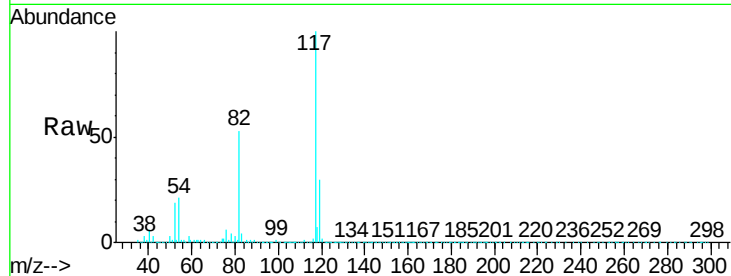




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

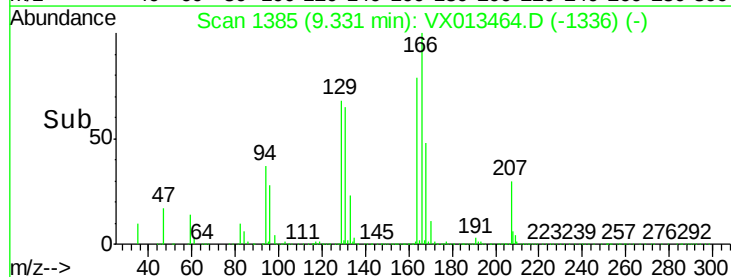
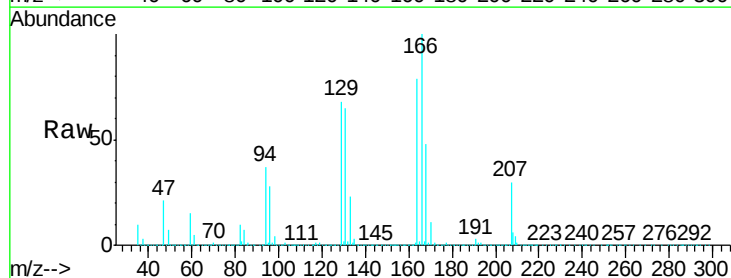
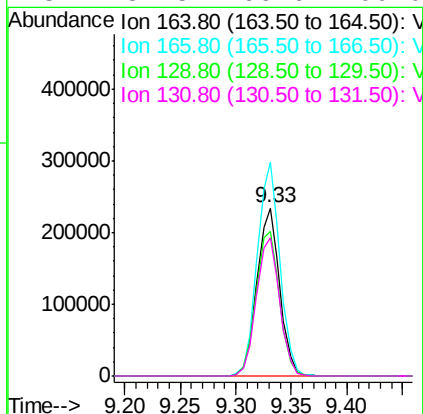
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

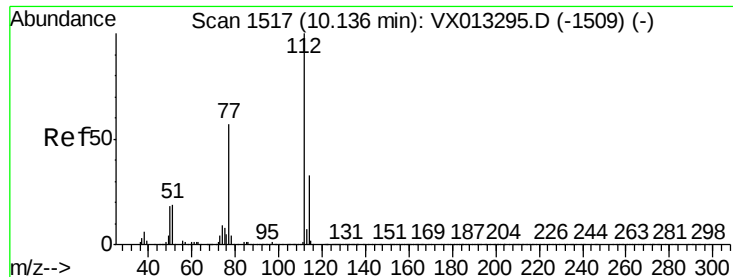
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	30.4	24.8	37.2



#64
Tetrachloroethene
Concen: 50.639 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	100.4	150.6
129	86.5	69.4	104.2
131	82.5	66.6	100.0





#65

Chlorobenzene

Concen: 52.495 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

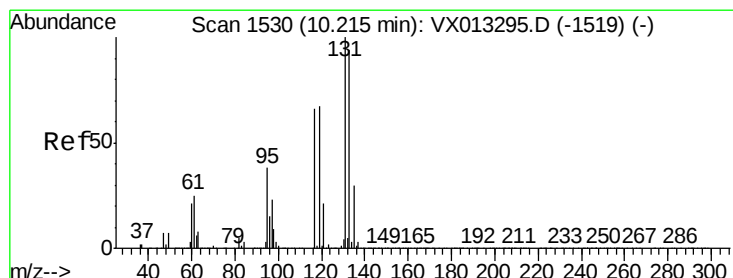
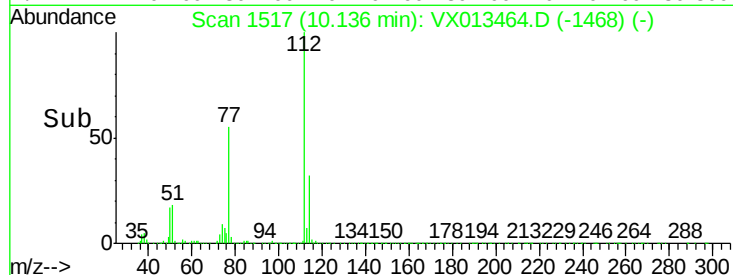
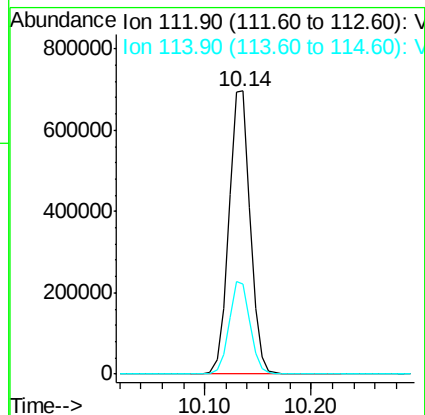
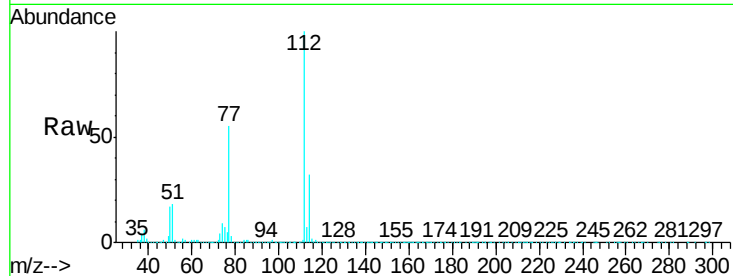
FA19-RFW1147MS

Tgt Ion:112 Resp: 976894

Ion Ratio Lower Upper

112 100

114 31.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.331 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

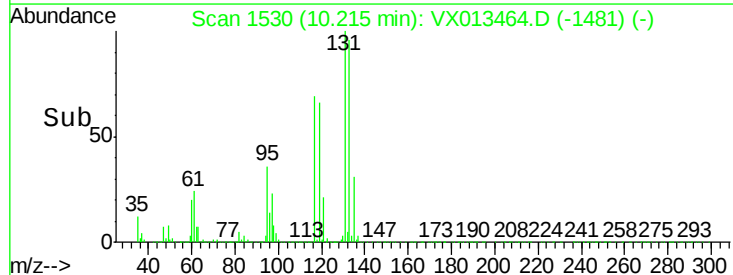
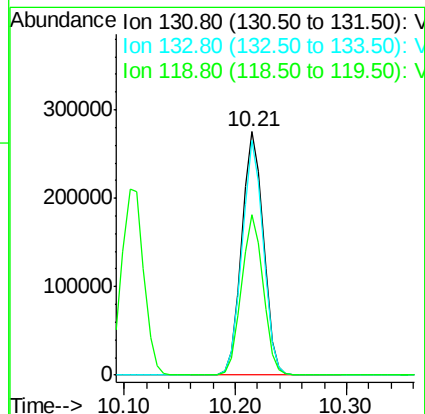
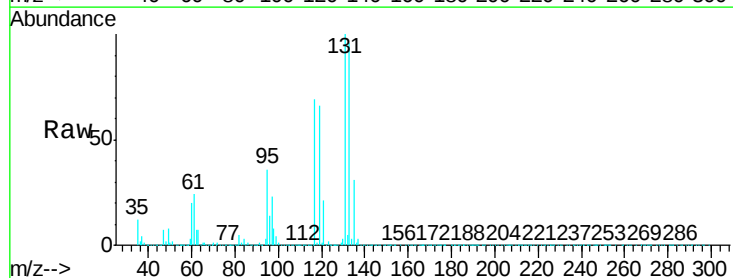
Tgt Ion:131 Resp: 371240

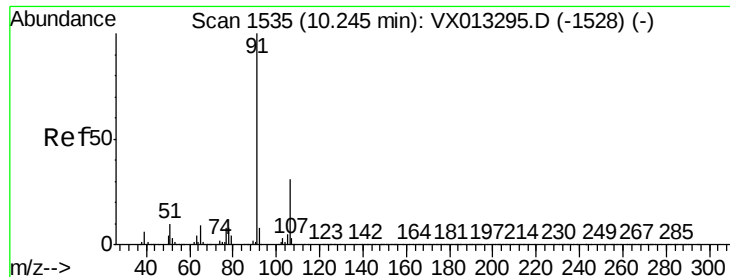
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 65.3 33.0 99.0





#67

Ethyl Benzene

Concen: 53.512 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

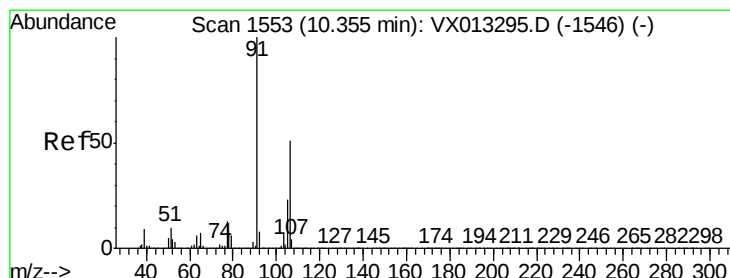
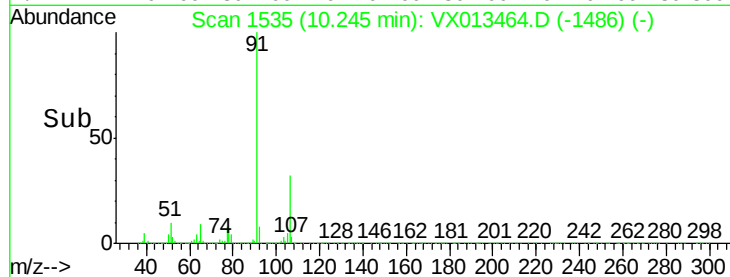
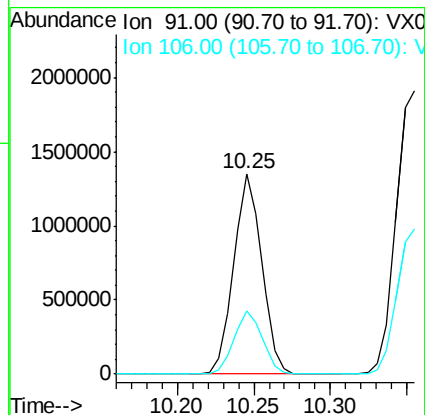
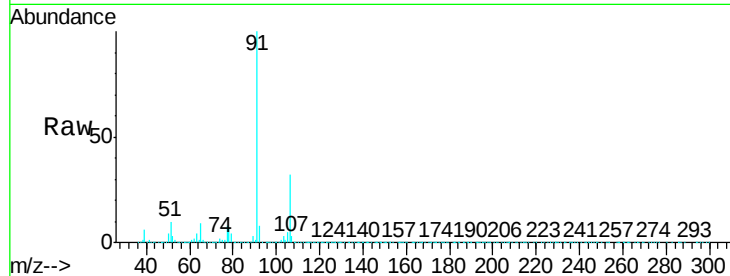
FA19-RFW1147MS

Tgt Ion: 91 Resp: 1718701

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 108.626 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013464.D

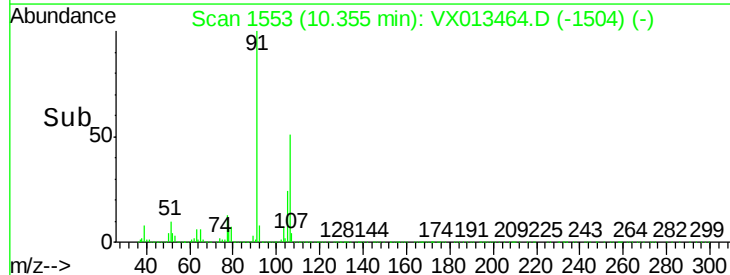
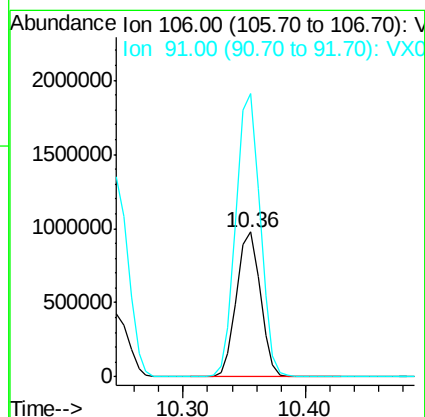
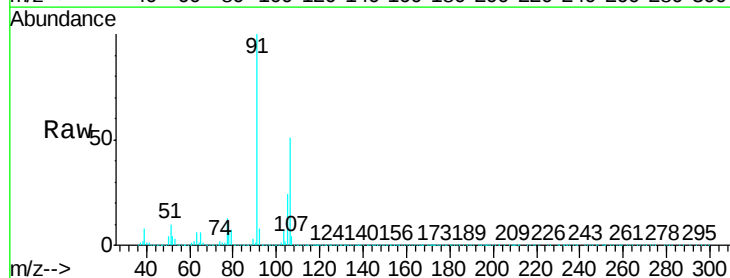
Acq: 19 Nov 2019 15:11

Tgt Ion: 106 Resp: 1319444

Ion Ratio Lower Upper

106 100

91 198.0 159.3 238.9

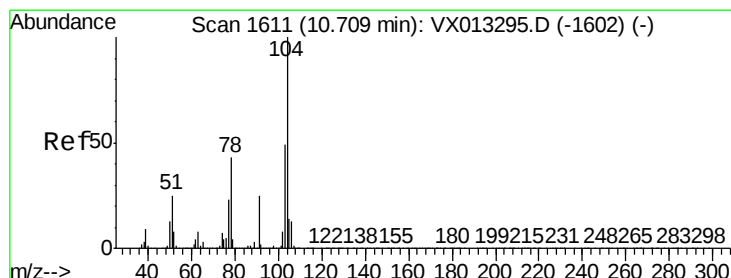
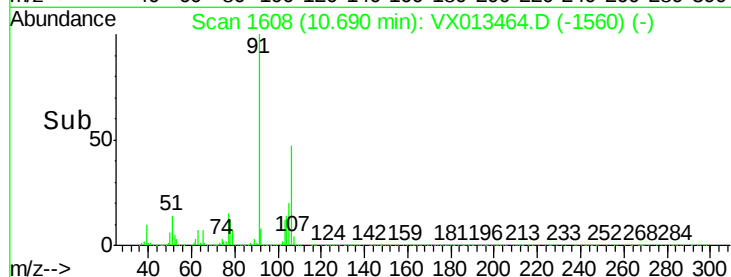
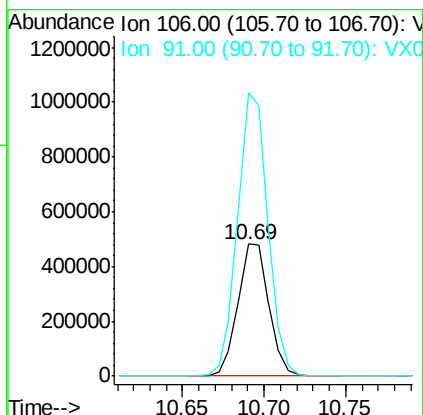
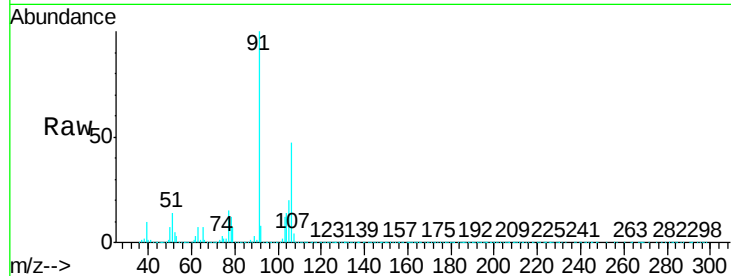




#69
o-Xylene
Concen: 53.479 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

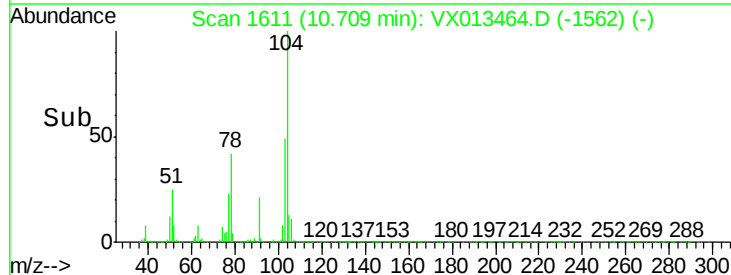
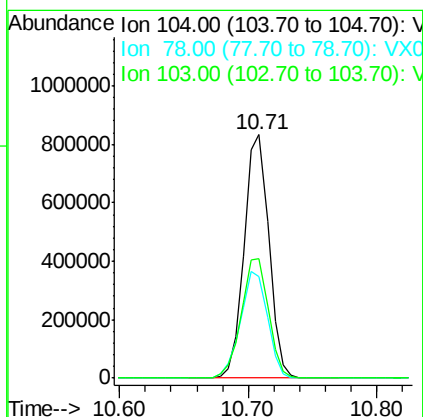
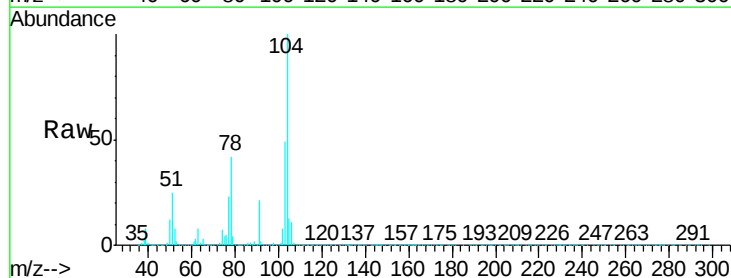
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

Tgt Ion:106 Resp: 635976
Ion Ratio Lower Upper
106 100
91 210.7 105.7 317.0



#70
Styrene
Concen: 55.344 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion:104 Resp: 1100177
Ion Ratio Lower Upper
104 100
78 48.4 40.0 60.0
103 54.2 44.1 66.1

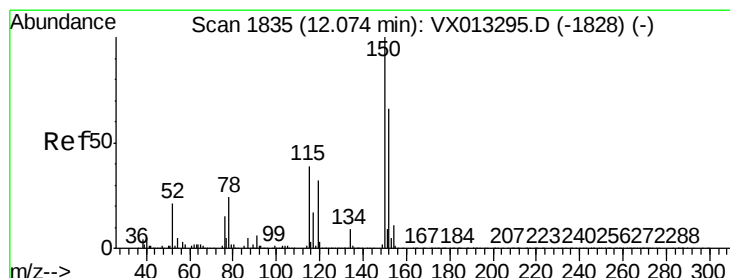
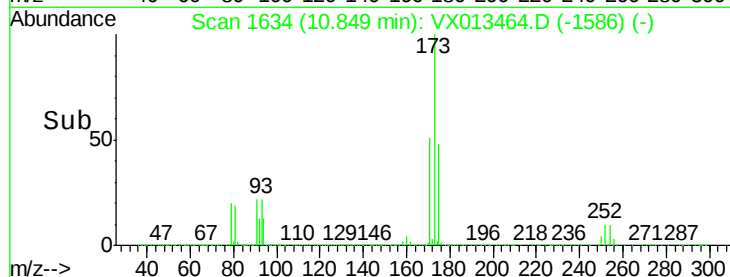
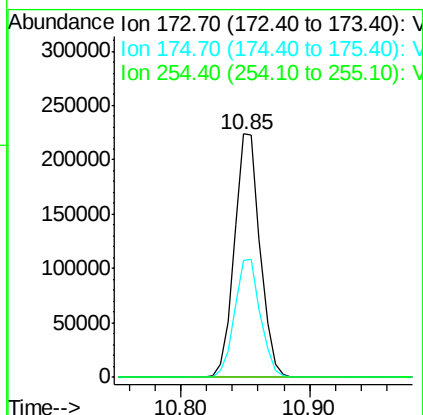
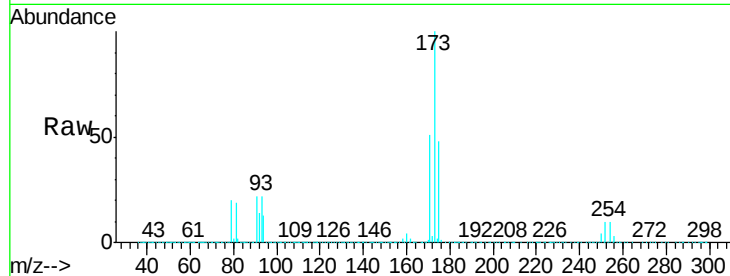




#71
Bromoform
Concen: 49.032 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

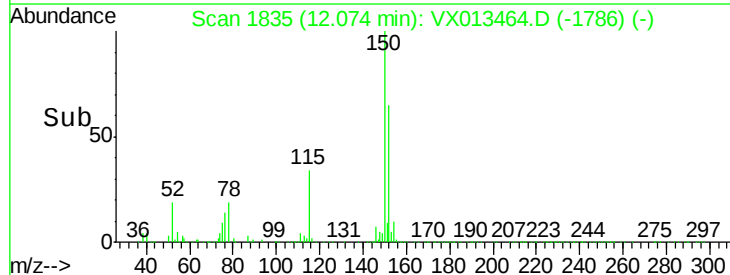
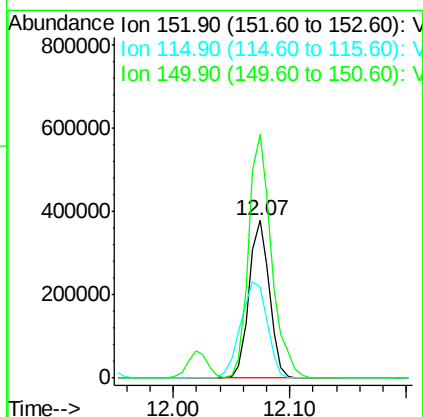
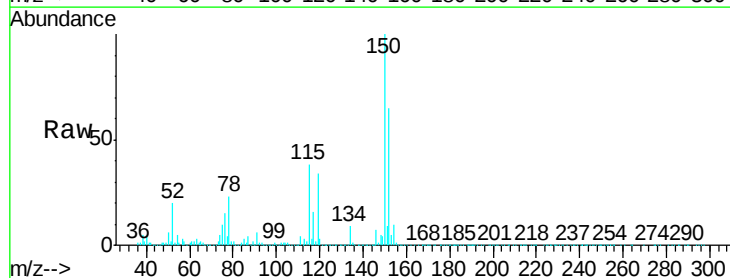
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

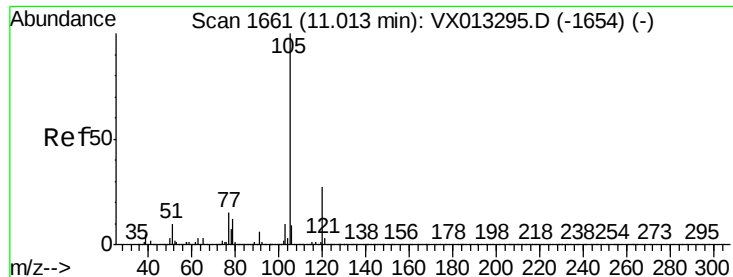
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.8	74.4
254	0.2	0.2	0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.7	39.5	118.3
150	173.4	0.0	344.4





#73

Isopropylbenzene

Concen: 56.405 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

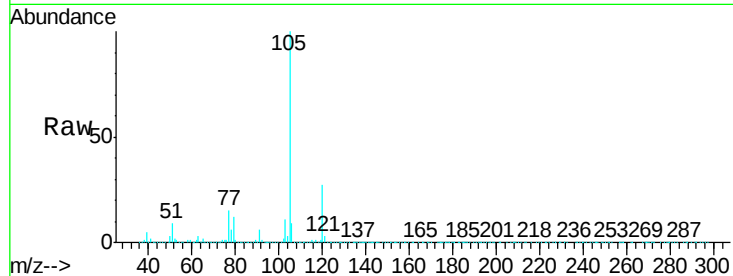
FA19-RFW1147MS

Tgt Ion:105 Resp: 1733582

Ion Ratio Lower Upper

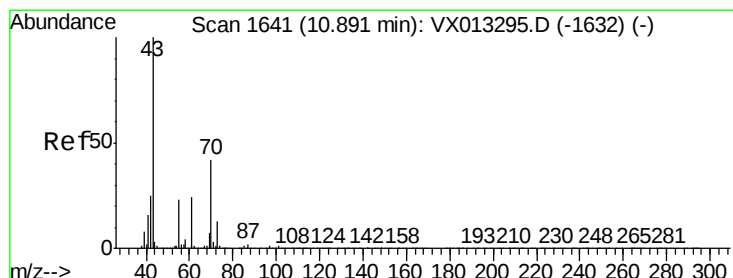
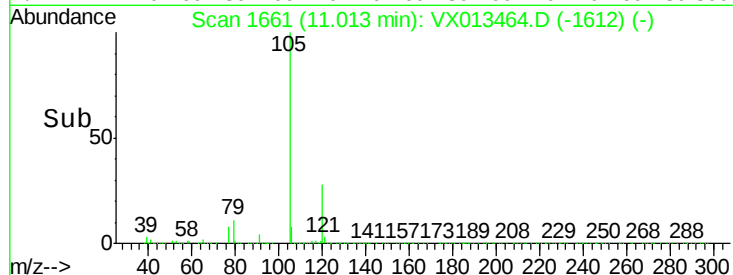
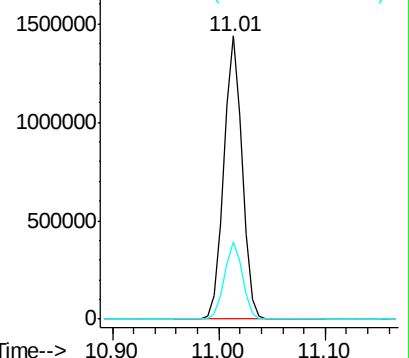
105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.762 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Tgt Ion: 43 Resp: 794746

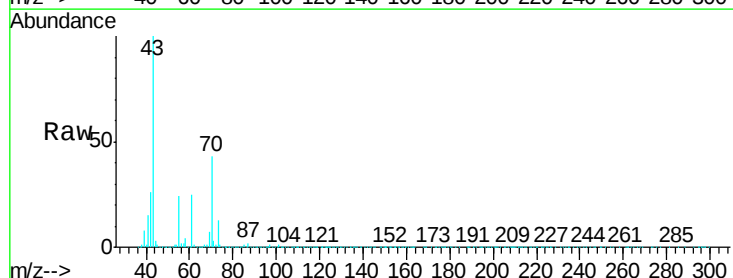
Ion Ratio Lower Upper

43 100

70 43.8 34.1 51.1

55 24.4 18.9 28.3

61 24.8 19.2 28.8

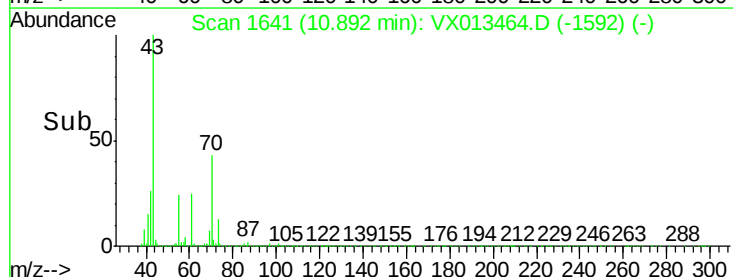
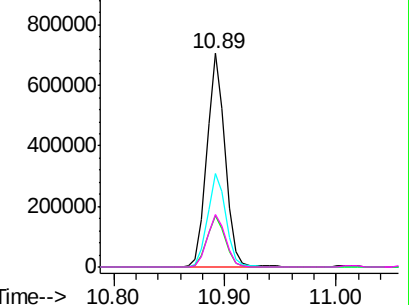


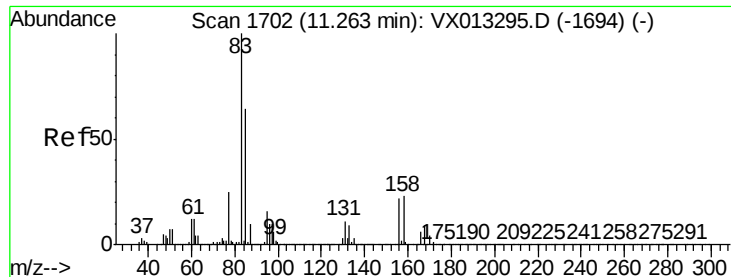
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.786 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

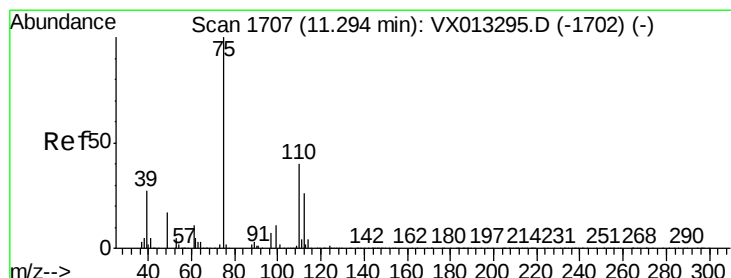
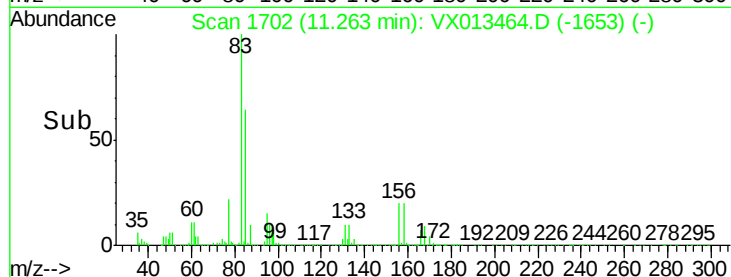
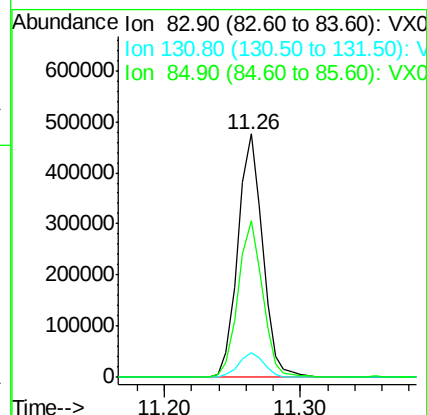
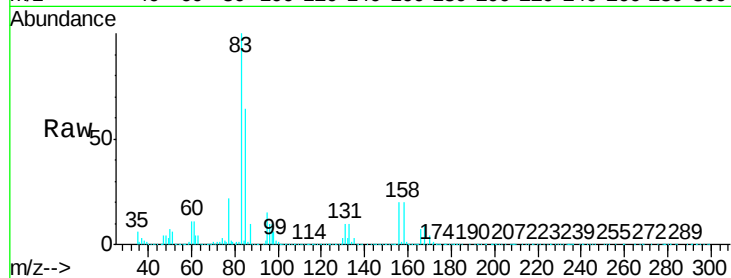
Tgt Ion: 83 Resp: 603074

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 72.573 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX013464.D

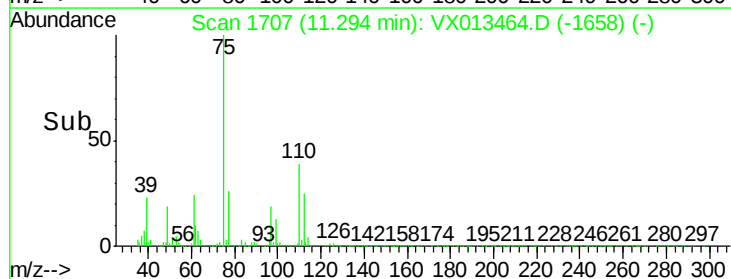
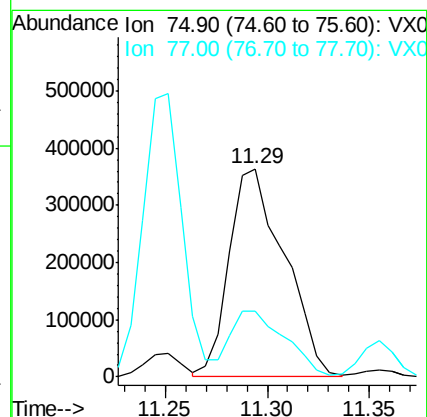
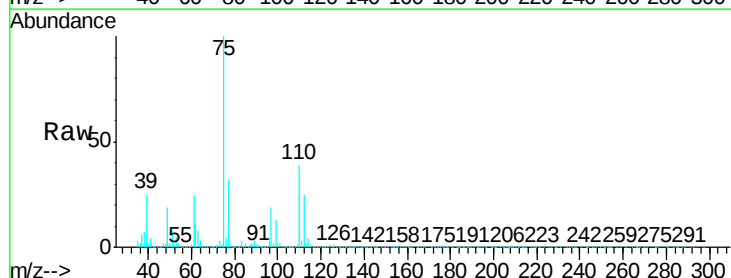
Acq: 19 Nov 2019 15:11

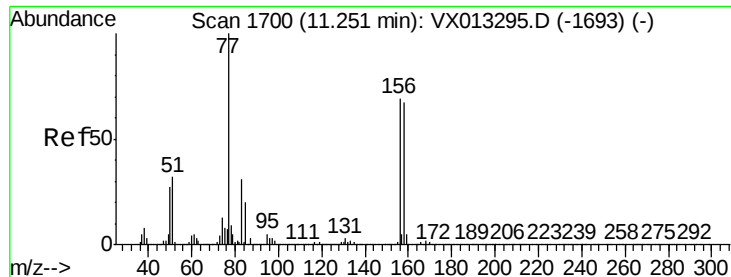
Tgt Ion: 75 Resp: 683307

Ion Ratio Lower Upper

75 100

77 30.9 22.3 66.8





#77

Bromobenzene

Concen: 54.313 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

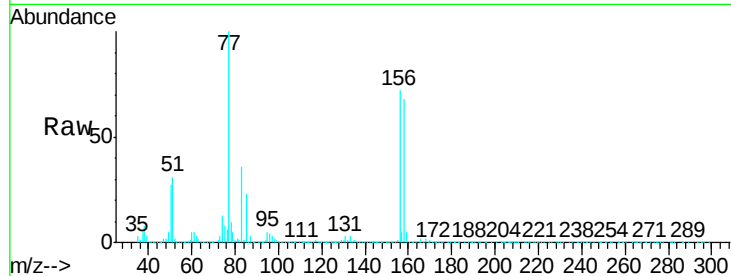
Tgt Ion:156 Resp: 445012

Ion Ratio Lower Upper

156 100

77 147.5 75.8 227.4

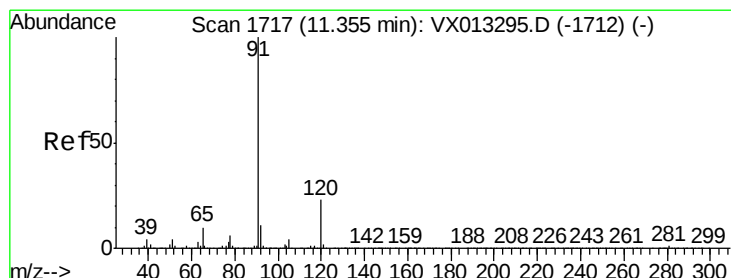
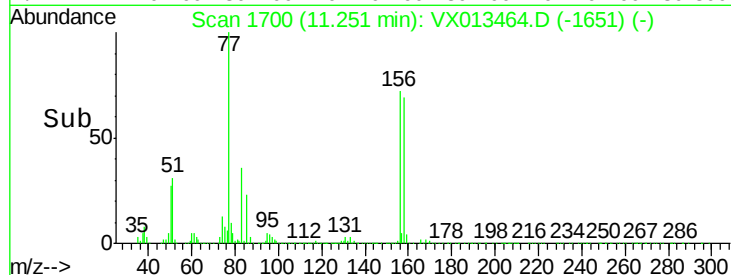
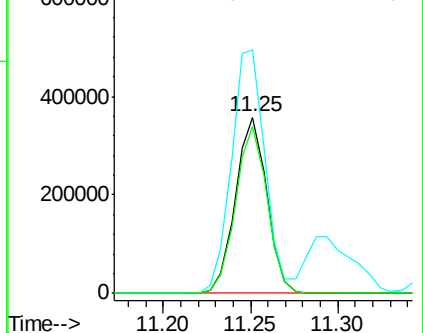
158 95.8 47.6 142.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.433 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013464.D

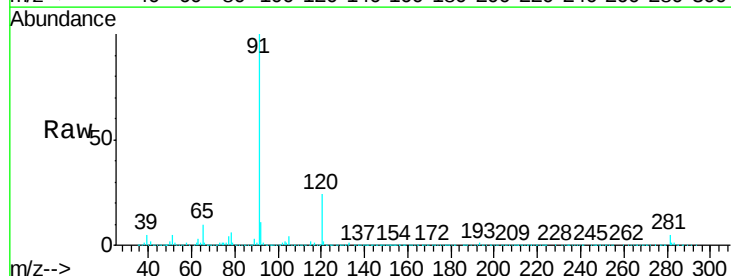
Acq: 19 Nov 2019 15:11

Tgt Ion: 91 Resp: 1966313

Ion Ratio Lower Upper

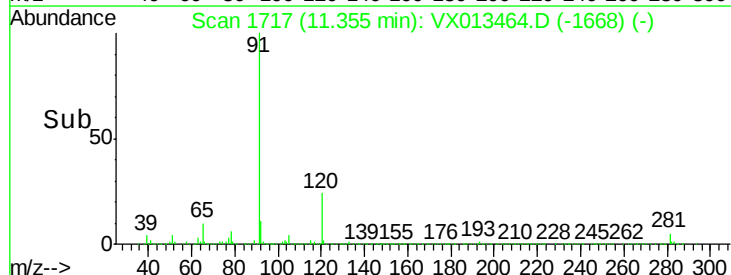
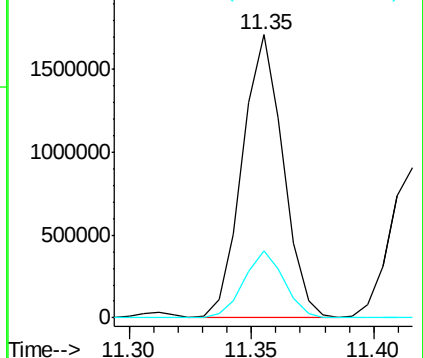
91 100

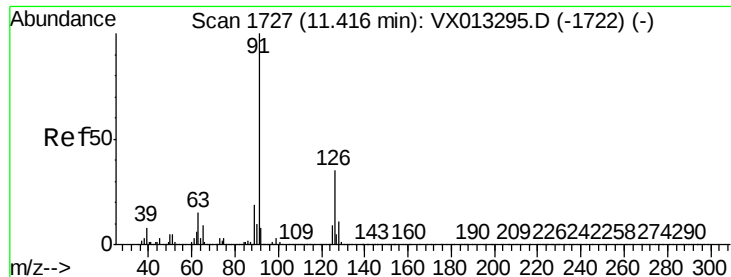
120 23.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.054 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

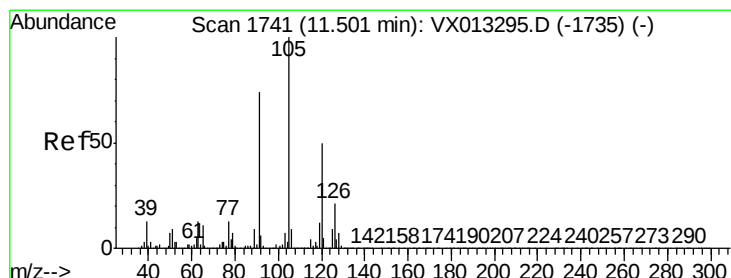
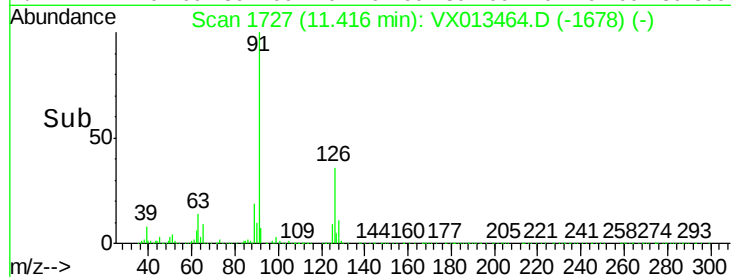
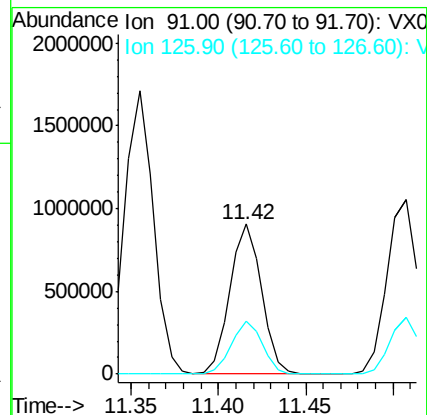
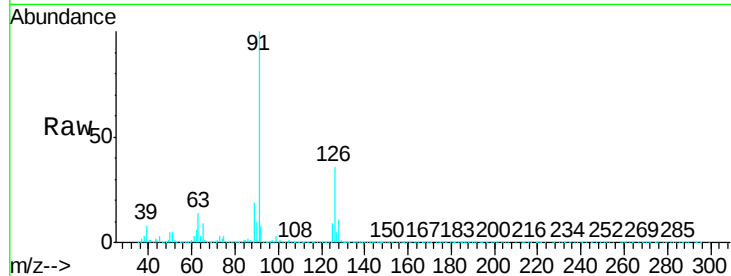
FA19-RFW1147MS

Tgt Ion: 91 Resp: 1135621

Ion Ratio Lower Upper

91 100

126 35.2 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 56.674 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013464.D

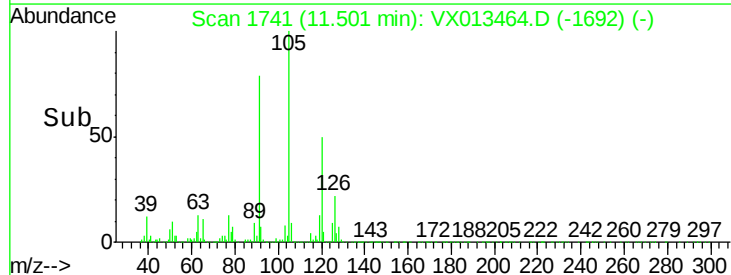
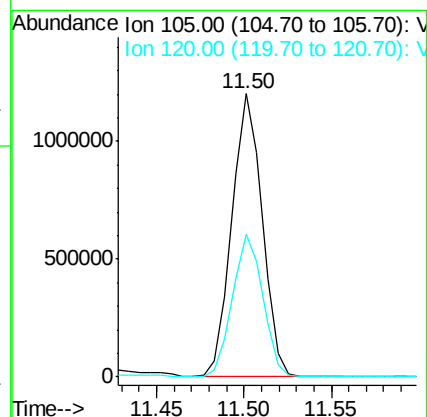
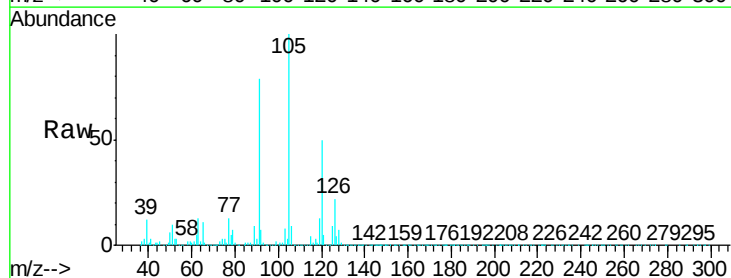
Acq: 19 Nov 2019 15:11

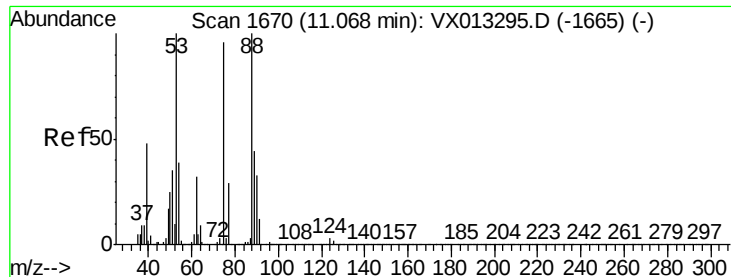
Tgt Ion: 105 Resp: 1450871

Ion Ratio Lower Upper

105 100

120 50.4 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 56.599 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

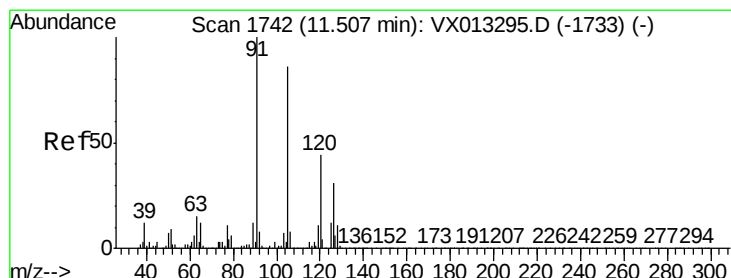
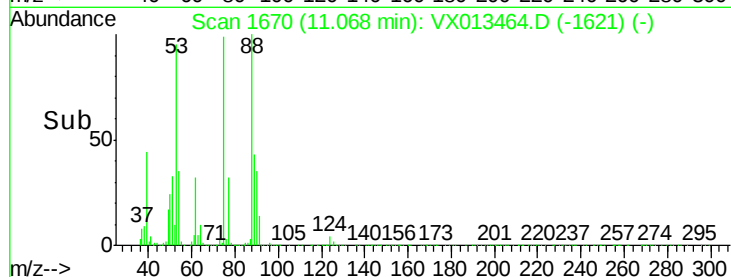
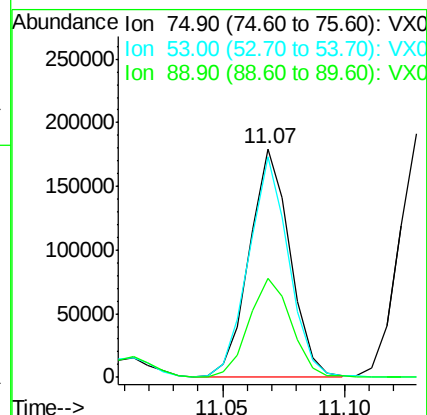
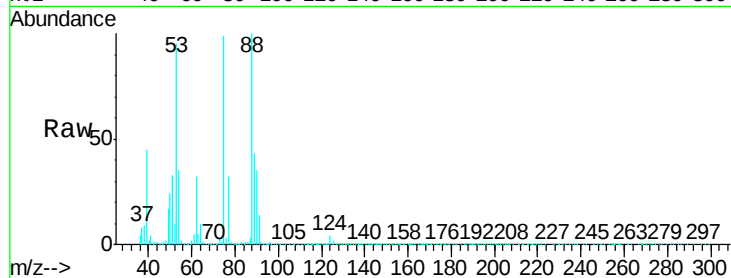
Tgt Ion: 75 Resp: 207037

Ion Ratio Lower Upper

75 100

53 94.1 81.0 121.6

89 44.7 36.0 54.0



#82

4-Chlorotoluene

Concen: 54.218 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013464.D

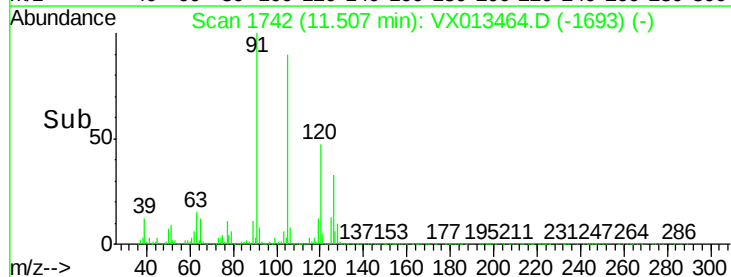
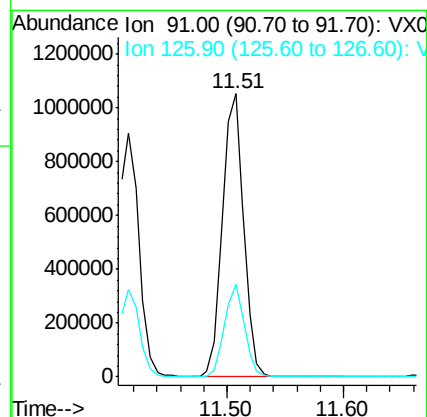
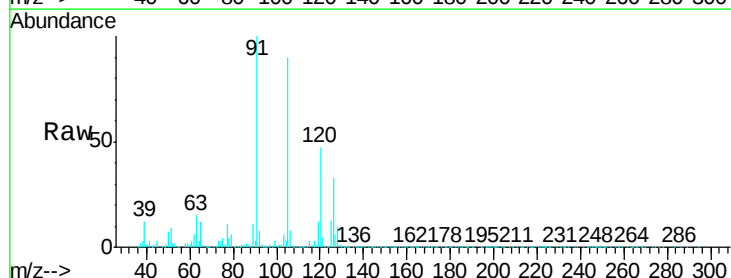
Acq: 19 Nov 2019 15:11

Tgt Ion: 91 Resp: 1309165

Ion Ratio Lower Upper

91 100

126 31.1 15.3 45.8

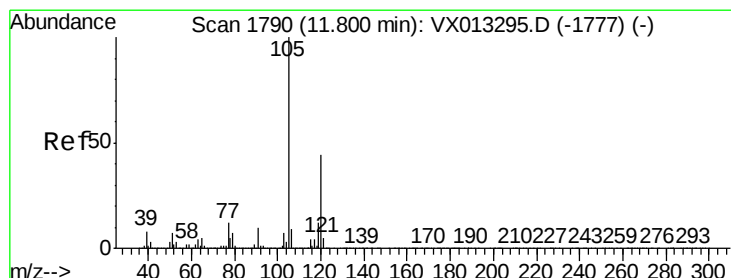
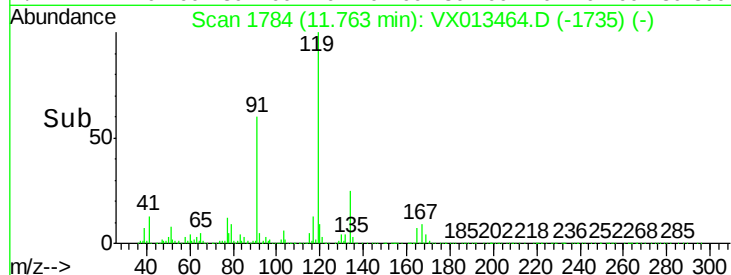
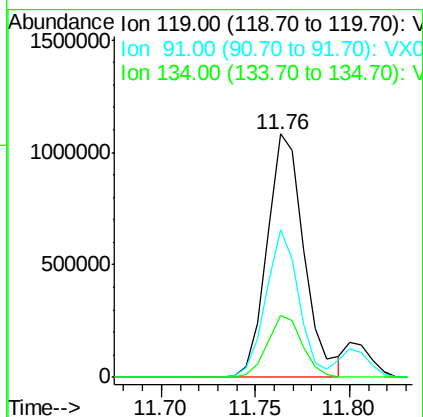
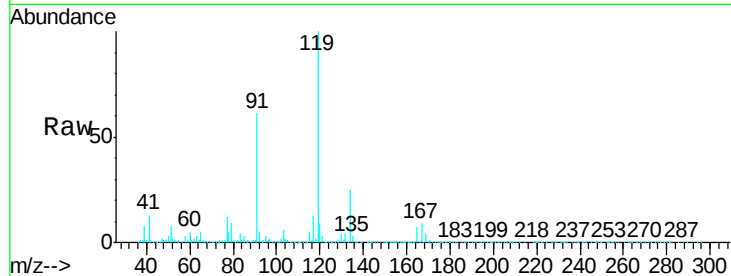




#83
tert-Butylbenzene
Concen: 57.053 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

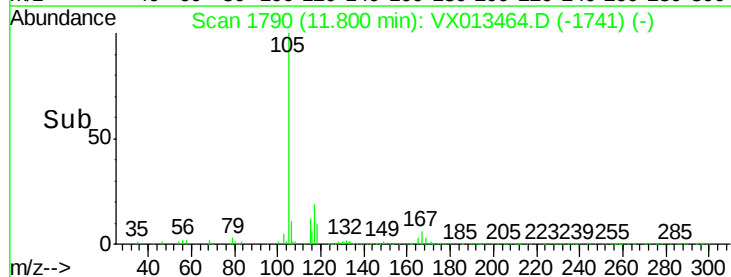
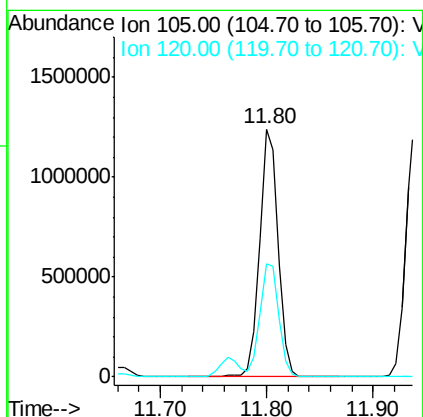
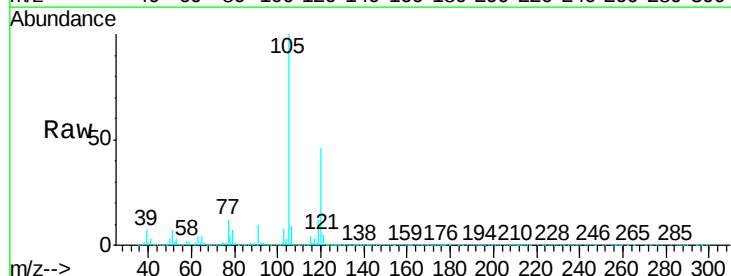
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

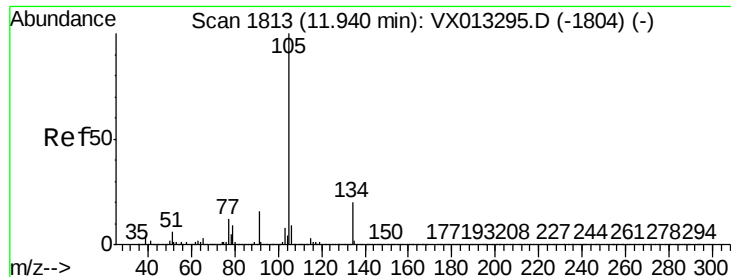
Tgt Ion:119 Resp: 1470274
Ion Ratio Lower Upper
119 100
91 53.9 26.9 80.7
134 23.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 58.666 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion:105 Resp: 1506595
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1

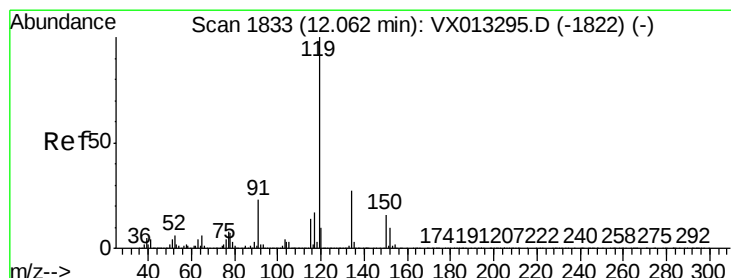
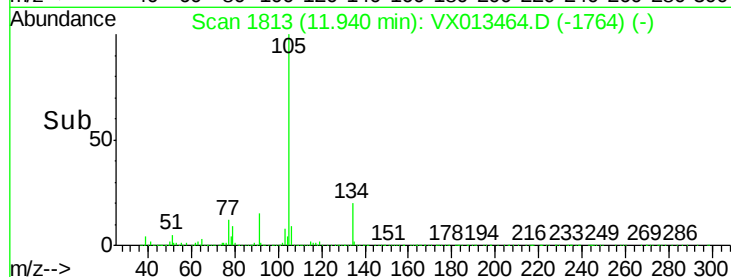
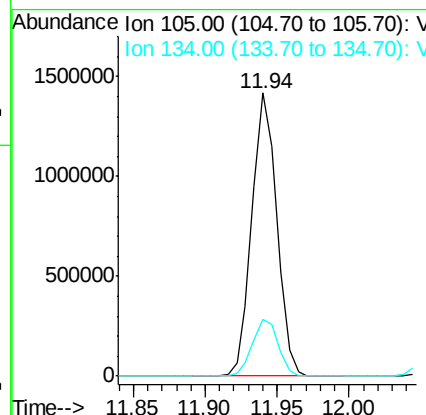
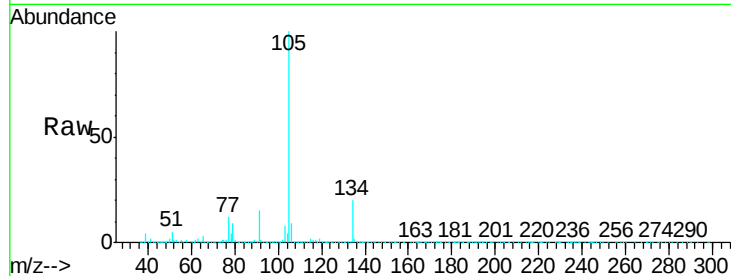




#85
 sec-Butylbenzene
 Concen: 57.088 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

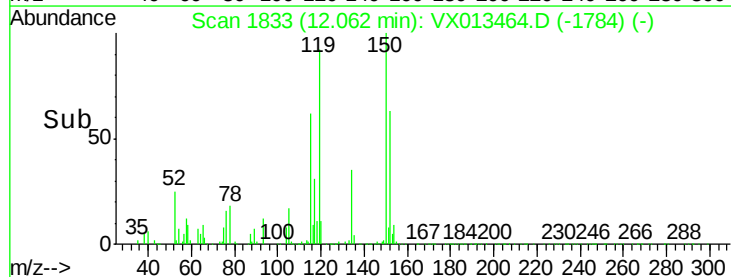
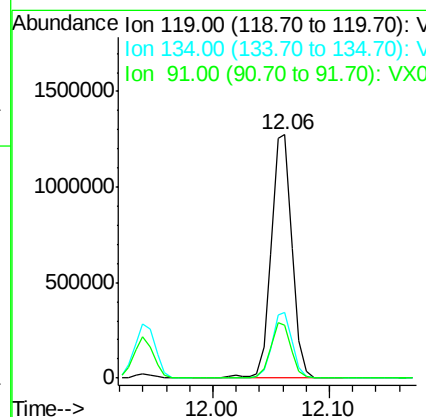
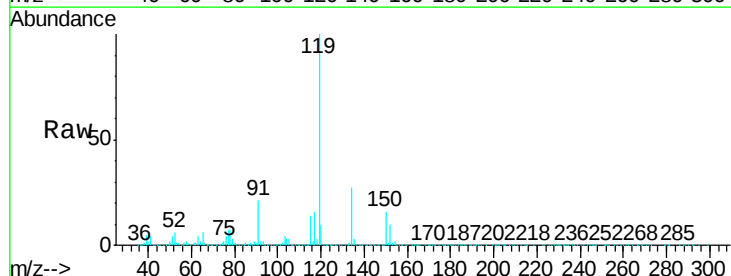
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MS

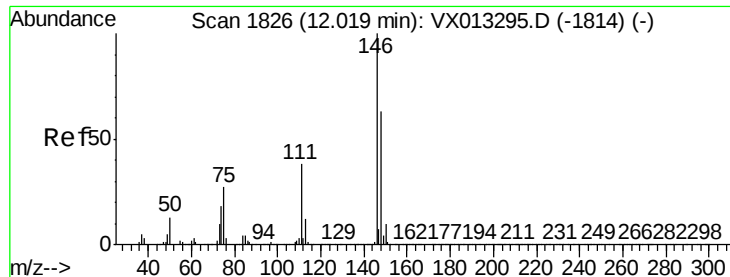
Tgt Ion:105 Resp: 1690821
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 57.843 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

Tgt Ion:119 Resp: 1577535
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.4 11.5 34.4

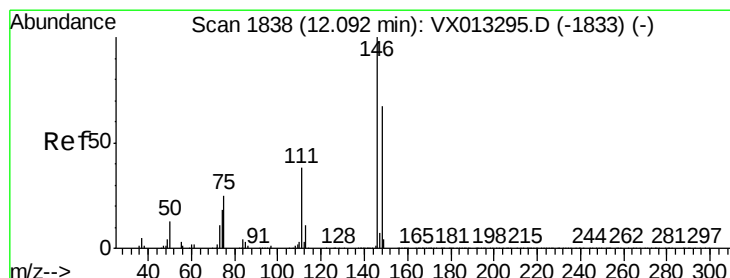
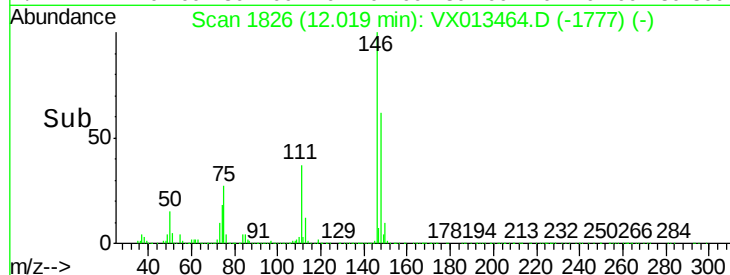
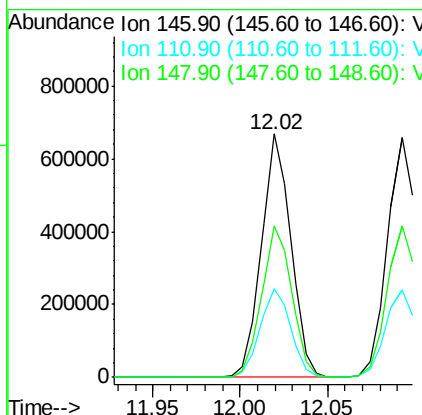
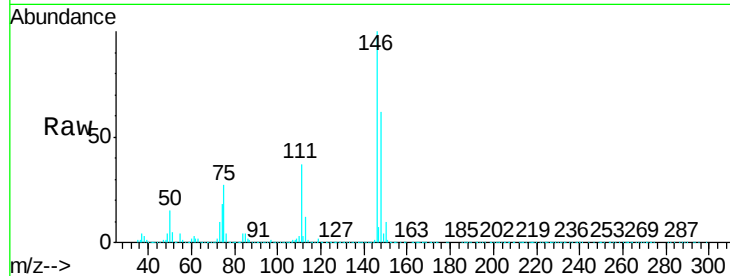




#87
 1,3-Dichlorobenzene
 Concen: 53.862 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

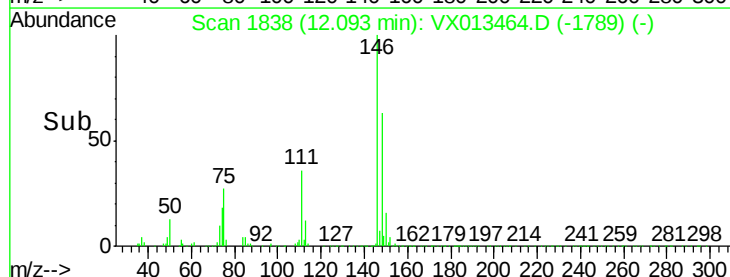
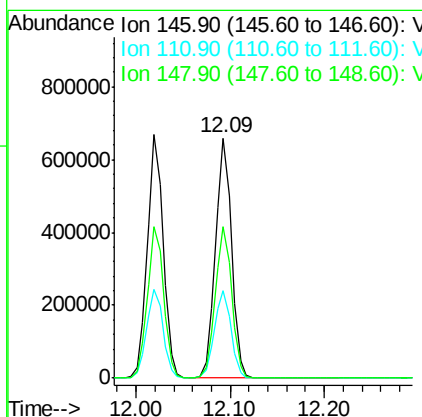
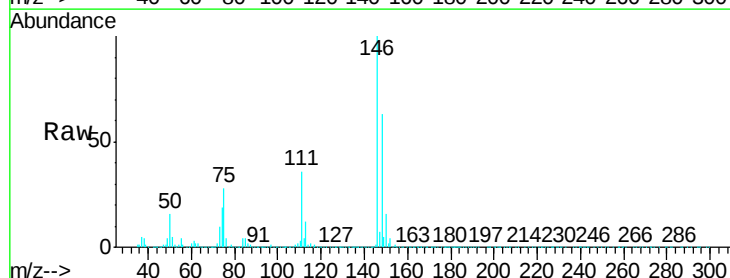
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MS

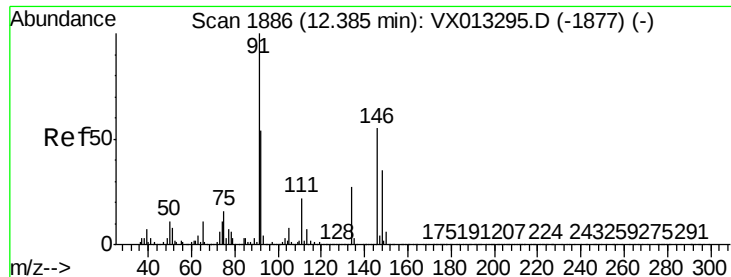
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.5
148	63.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 52.430 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.8	56.4
148	64.1	32.4	97.0

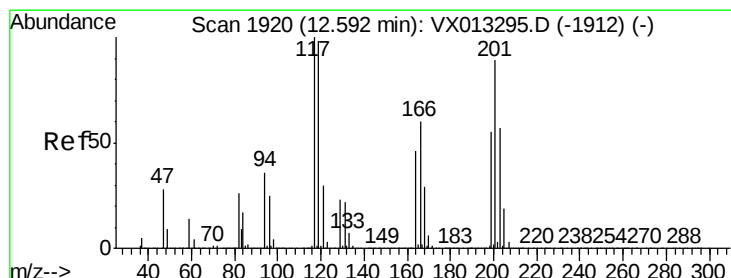
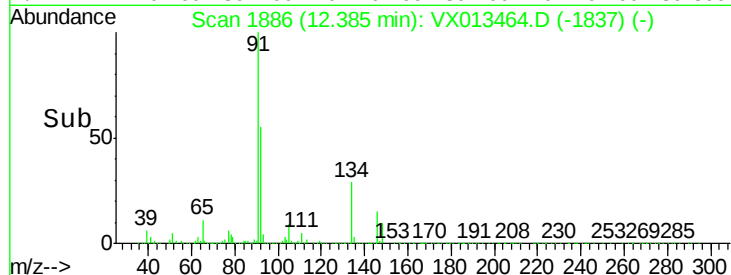
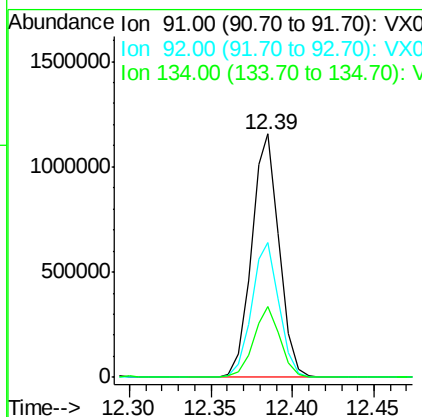
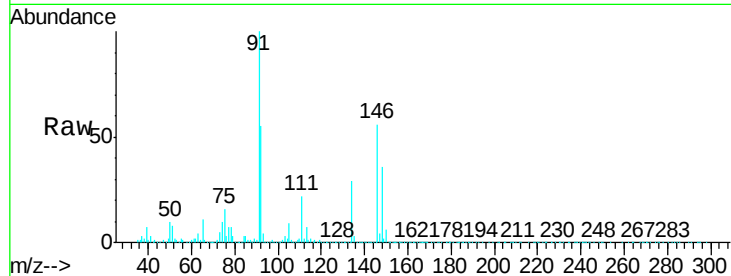




#89
n-Butylbenzene
Concen: 56.674 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

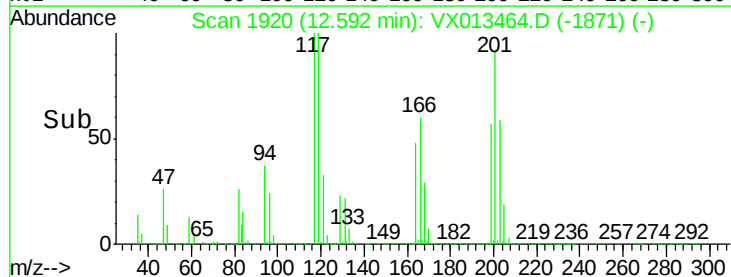
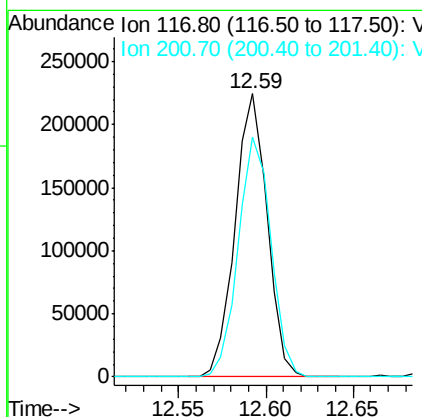
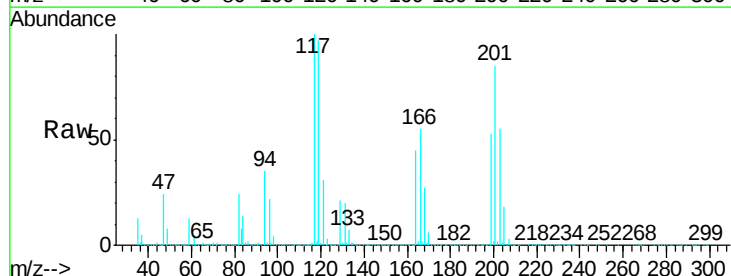
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

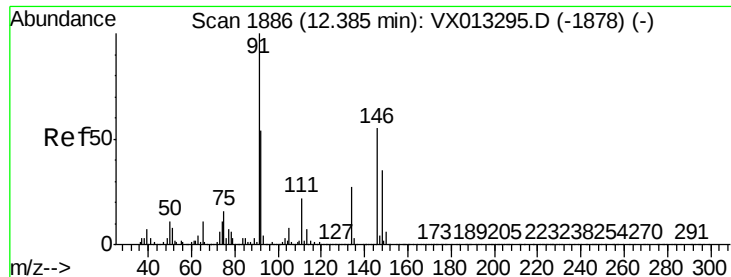
Tgt Ion: 91 Resp: 1348691
Ion Ratio Lower Upper
91 100
92 55.3 27.3 81.8
134 28.0 13.5 40.5



#90
Hexachloroethane
Concen: 58.805 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion: 117 Resp: 285746
Ion Ratio Lower Upper
117 100
201 86.8 43.9 131.7





#91

1,2-Dichlorobenzene

Concen: 54.128 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

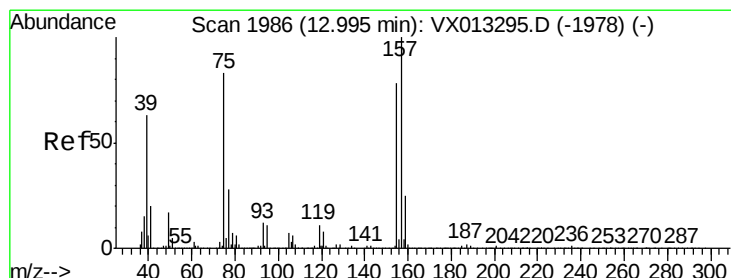
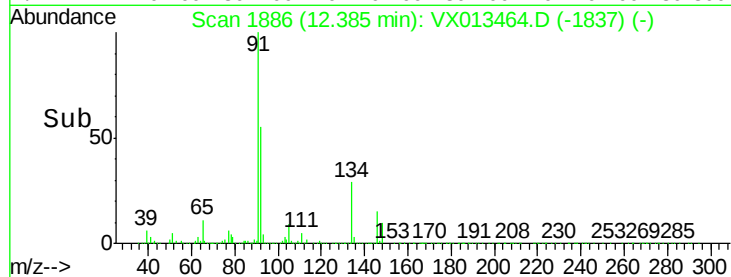
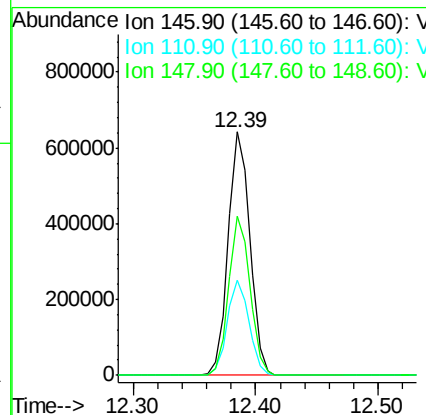
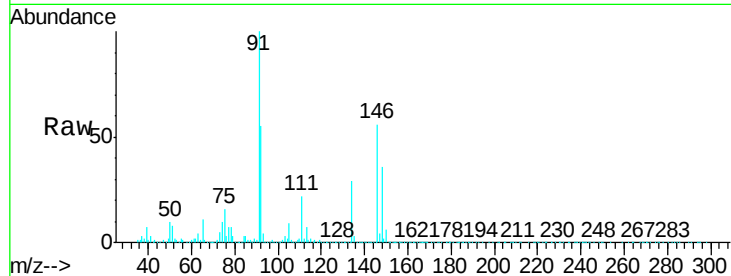
Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147MS

Tgt Ion:	146	Resp:	790212
Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.4	32.0	96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.774 ug/l

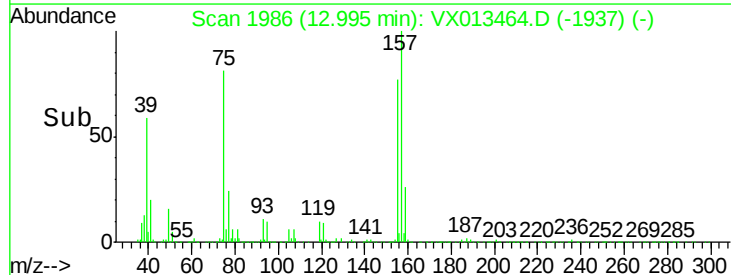
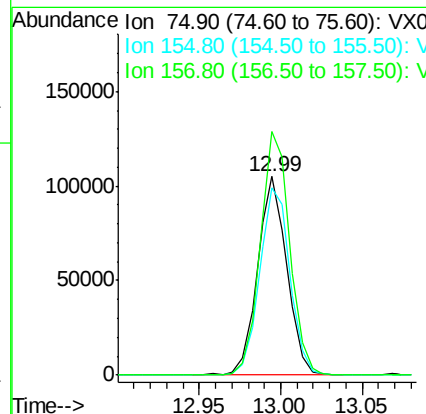
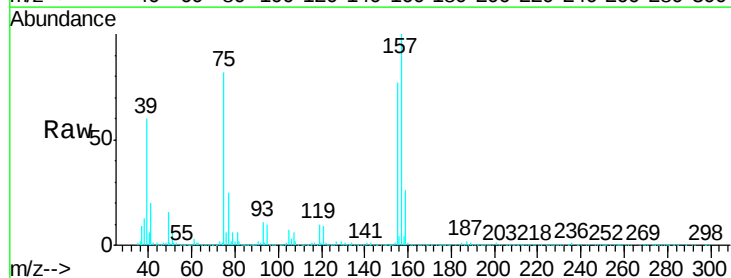
RT: 12.99 min Scan# 1986

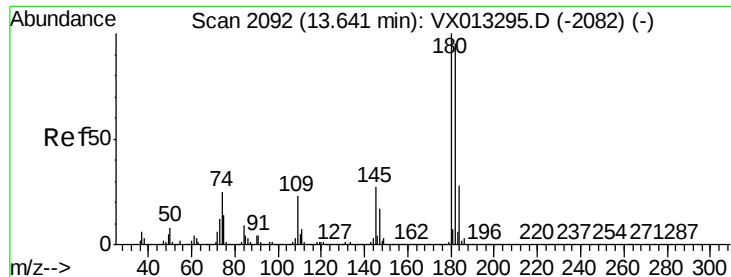
Delta R.T. 0.00 min

Lab File: VX013464.D

Acq: 19 Nov 2019 15:11

Tgt Ion:	75	Resp:	130504
Ion	Ratio	Lower	Upper
75	100		
155	97.6	47.1	141.4
157	123.5	61.3	183.8

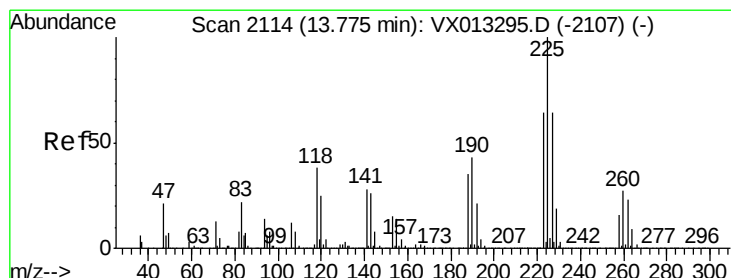
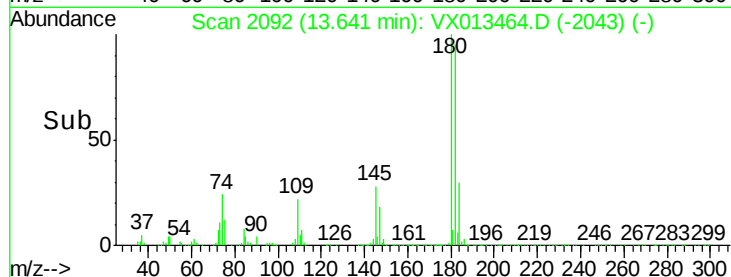
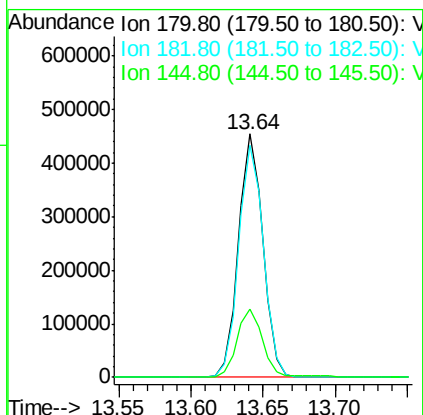
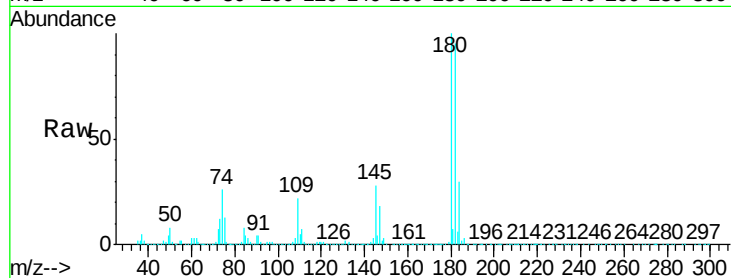




#93
 1,2,4-Trichlorobenzene
 Concen: 52.771 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

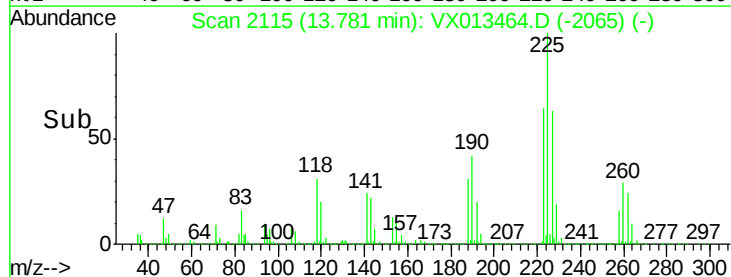
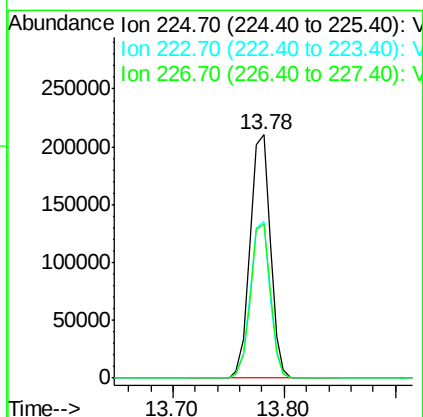
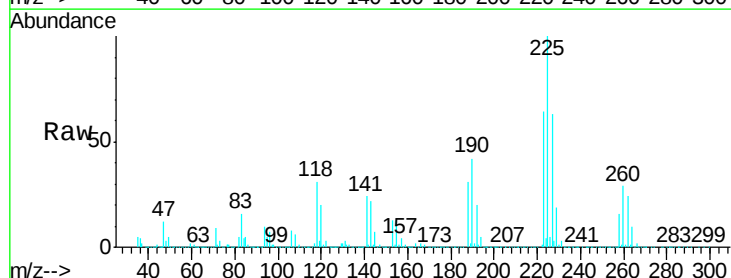
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147MS

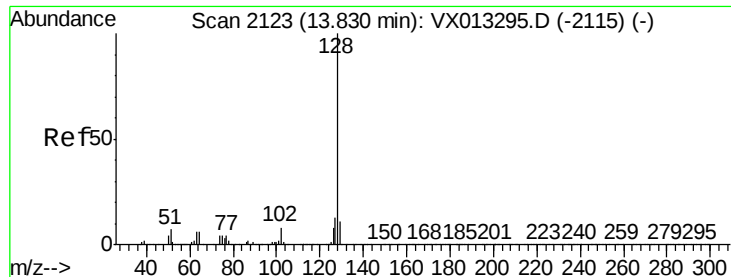
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.4	145.0
145	29.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 53.671 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013464.D
 Acq: 19 Nov 2019 15:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.7
227	62.0	31.9	95.9

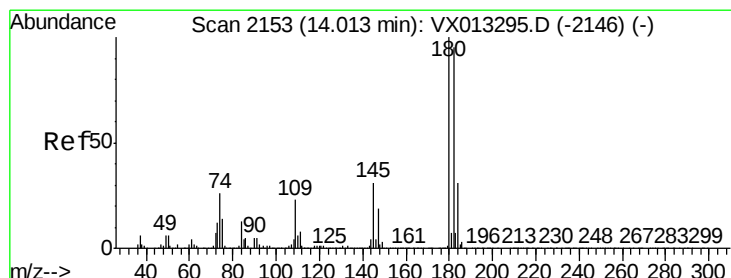
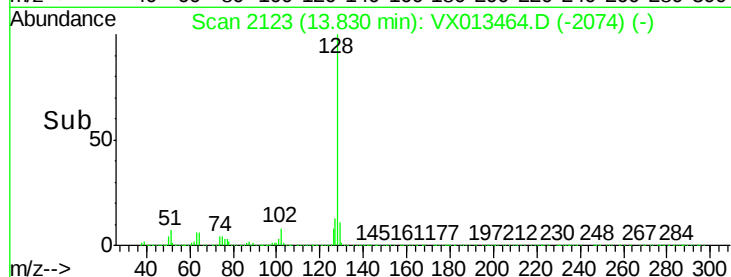
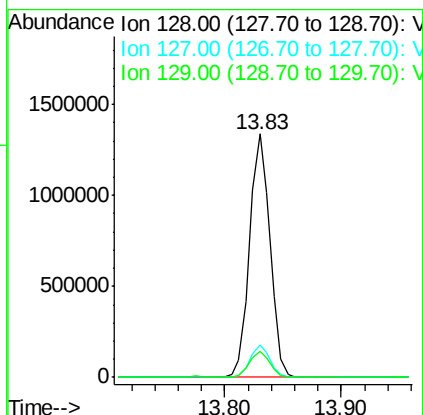
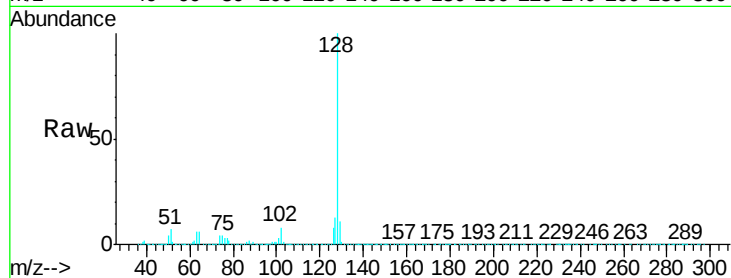




#95
Naphthalene
Concen: 51.433 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147MS

Tgt Ion:128 Resp: 1643324
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 52.459 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013464.D
Acq: 19 Nov 2019 15:11

Tgt Ion:180 Resp: 535753
Ion Ratio Lower Upper
180 100
182 94.1 48.0 144.2
145 30.7 15.4 46.4

